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- Summaries of Notifiable Diseases
  - in the United States, 1999
- 17 Graphs and Maps for Selected Notifiable Diseases in the United States
  - Historical Summaries of Notifiable Diseases in the United States, 1968–1999
- 1 Selected Reading

Summary of Notifiable Diseases, United States

1999

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention (CDC)
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#### Preface

The MMWR Summary of Notifiable Diseases, United States, 1999 contains, in tabular and graphical form, the official statistics for the reported occurrence of nationally notifiable diseases in the United States for 1999. These statistics are collected and compiled from reports to the National Notifiable Diseases Surveillance System (NNDSS), which is operated by CDC in collaboration with the Council of State and Territorial Epidemiologists (CSTE).

The Summary is located on the Internet at <a href="http://www2.cdc.gov/mmwr/summary.html">http://www2.cdc.gov/mmwr/summary.html</a>. This site also includes publications from past years.

Because the dates of onset or diagnosis for notifiable diseases are not always reported, these surveillance data are presented by the week they were reported to CDC by public health officials in state and territorial health departments. These data are finalized and published each year in the *Summary* for use by state and local health departments; schools of medicine and public health; communications media; local, state, and federal agencies; and other agencies or persons interested in following the trends of reportable diseases in the United States. This publication also documents which diseases are considered national priorities for notification and the annual number of cases of such diseases.

The Highlights section presents information on selected nationally notifiable diseases to provide a context in which to interpret surveillance and disease-trend data and to provide further information on the epidemiology and prevention of selected diseases. Past publications included information on selected non-notifiable diseases, but this year's *Summary* presents only highlights of nationally notifiable diseases.

Part 1 contains tables that present incidence data for each of the diseases considered nationally notifiable during 1999.\* The tables provide the number of cases of notifiable diseases reported to CDC for 1999, as well as the distribution of cases by month and geographic location and by patient's age, sex, race, and Hispanic ethnicity. The data are final totals as of August 15, 2000, unless otherwise noted. In all tables, leprosy is listed as Hansen disease, and tickborne typhus fever is listed as Rocky Mountain spotted fever (RMSF).

Part 2 contains graphs and maps. These graphs and maps depict summary data for many of the notifiable diseases described in tabular form in Part 1.

Part 3 contains tables that list the number of cases of notifiable diseases reported to CDC since 1968. This section also includes a table enumerating deaths associated with specified notifiable diseases reported to the National Center for Health Statistics (NCHS), CDC, during 1989–1998.

The Selected Reading section presents general and disease-specific references for notifiable infectious diseases. These references provide additional information on surveillance and epidemiologic issues, diagnostic issues, or disease control activities.

<sup>\*</sup>Because no cases of anthrax, human rabies, or paralytic poliomyelitis were reported in the United States during 1999, these diseases do not appear in the tables in Part 1.

#### Background

As of January 1, 1999, a total of 58 infectious diseases were designated as notifiable at the national level. A notifiable disease is one for which regular, frequent, and timely information regarding individual cases is considered necessary for the prevention and control of the disease. This section briefly summarizes the history of the reporting of nationally notifiable diseases in the United States.

In 1878, Congress authorized the U.S. Marine Hospital Service (i.e., the forerunner of the Public Health Service [PHS]) to collect morbidity reports regarding cholera, smallpox, plaque, and vellow fever from U.S. consuls overseas. The intention was to use this information to institute quarantine measures to prevent the introduction and spread of these diseases into the United States. In 1879, a specific Congressional appropriation was made for the collection and publication of reports of these notifiable diseases. Congress expanded the authority for weekly reporting and publication of these reports in 1893 to include data from states and municipal authorities. To increase the uniformity of the data, Congress enacted a law in 1902 directing the Surgeon General to provide forms for the collection and compilation of data and for the publication of reports at the national level. In 1912, state and territorial health authorities - in conjunction with PHS — recommended immediate telegraphic reporting of five infectious diseases and the monthly reporting, by letter, of 10 additional diseases. The first annual summary of The Notifiable Diseases in 1912 included reports of 10 diseases from 19 states, the District of Columbia, and Hawaii. By 1928, all states, the District of Columbia, Hawaii, and Puerto Rico were participating in national reporting of 29 specified diseases. At their annual meeting in 1950, state and territorial health officers authorized the Council of State and Territorial Epidemiologists (CSTE) to determine which diseases should be reported to PHS. In 1961, CDC assumed responsibility for the collection and publication of data concerning nationally notifiable diseases.

The list of nationally notifiable diseases is revised periodically. For example, a disease might be added to the list as a new pathogen emerges, or a disease might be deleted as its incidence declines. Public health officials at state health departments and CDC continue to collaborate in determining which diseases should be nationally notifiable. CSTE, with input from CDC, makes recommendations annually for additions and deletions. Although disease reporting is mandated (i.e., by legislation or regulation) at the state and local levels, state reporting to CDC is voluntary. Thus, the list of diseases considered notifiable varies slightly by state. All states generally report the internationally quarantinable diseases (i.e., cholera, plague, and yellow fever) in compliance with the World Health Organization's International Health Regulations.

The list of infectious diseases designated as notifiable at the national level during 1999 is as follows:

### Infectious Diseases Designated as Notifiable at the National Level During 1999

Acquired immunodeficiency	Haemophilus influenzae,	Rabies, human
syndrome (AIDS)	invasive disease	Rocky Mountain
Anthrax	Hansen disease (leprosy)	spotted fever
Botulism	Hantavirus pulmonary	Rubella
Brucellosis	syndrome	Rubella, congenital
Chancroid	Hemolytic uremic syndrome,	syndrome
Chlamydia trachomatis,	postdiarrheal	Salmonellosis
genital infection	Hepatitis A	Shigellosis
Cholera	Hepatitis B	Streptococcal disease,
Coccidioidomycosis	Hepatitis C; non-A, non-B	invasive, group A
Cryptosporidiosis	Human immunodeficiency	Streptococcus pneumoniae,
Cyclosporiasis	virus (HIV) infection, adult	drug-resistant, invasive
Diphtheria	HIV infection, pediatric	disease
Ehrlichiosis,	Legionellosis	Streptococcal toxic-shock
human granulocytic	Lyme disease	syndrome
Ehrlichiosis,	Malaria	Syphilis
human monocytic	Measles	Syphilis, congenital
Encephalitis,	Meningococcal disease	Tetanus
California serogroup viral	Mumps	Toxic-shock syndrome
Encephalitis, eastern equine	Pertussis	Trichinosis
Encephalitis, St. Louis	Plague	Tuberculosis
Encephalitis, western equine	Poliomyelitis, paralytic	Typhoid fever
Escherichia coli O157:H7	Psittacosis	Varicella (chickenpox)*
Gonorrhea	Rabies, animal	Varicella deaths
		Vallow fever

<sup>\*</sup>Although varicella (chickenpox) is not a nationally notifiable disease, the Council of State and Territorial Epidemiologists recommends reporting cases of this disease to CDC.

#### **Data Sources**

Provisional data concerning the reported occurrence of notifiable diseases are published weekly in the *MMWR*. After each reporting year, staff in state health departments finalize reports of cases for that year with local or county health departments and reconcile the data with reports previously sent to CDC throughout the year. These data are compiled in final form in the *Summary*.

Notifiable disease reports are the authoritative and archival counts of cases. They must be approved by the appropriate epidemiologist from each submitting state or territory before being published in the *Summary*. Although useful for detailed epidemiologic analyses, data published in *CDC Surveillance Summaries* or other surveillance reports produced by CDC programs can be different from data reported in the annual summary because of differences in the timing of reports, the source of the data, and the case definitions.

Data in the *Summary* were derived primarily from reports transmitted to the Division of Public Health Surveillance and Informatics, Epidemiology Program Office, CDC, from health departments in the 50 states, five territories, New York City, and the District of Columbia through the National Electronic Telecommunications System for Surveillance (NETSS). More information regarding NETSS and notifiable diseases, including case definitions for these conditions, is available on the Internet at <a href="http://www.cdc.gov/epo/phs.htm">http://www.cdc.gov/epo/phs.htm</a>. Policies for reporting notifiable disease cases can vary by disease or reporting jurisdiction, depending on case status classification (i.e., confirmed, probable, or suspect).

Final data for selected diseases (presented in Parts 1, 2, and 3) are from the surveillance records of the CDC programs listed below. Requests for further information regarding these data should be directed to the appropriate program.

#### **National Center for Health Statistics (NCHS)**

Office of Vital and Health Statistics Systems (deaths from selected notifiable diseases).

#### National Center for Infectious Diseases (NCID)

- Division of Bacterial and Mycotic Diseases (toxic-shock syndrome; streptococcal disease, invasive, group A; streptococcal toxic-shock syndrome; and laboratory data regarding botulism, *Escherichia coli* O157:H7, salmonellosis, and shigellosis).
- Division of Viral and Rickettsial Diseases (animal rabies, hantavirus pulmonary syndrome).

#### National Center for HIV, STD, and TB Prevention (NCHSTP)

- Division of HIV/AIDS Prevention Surveillance and Epidemiology (acquired immunodeficiency syndrome [AIDS]).
- Division of Sexually Transmitted Diseases Prevention (chancroid, chlamydia, gonorrhea, and syphilis).
- Division of Tuberculosis Elimination (tuberculosis).

#### National Immunization Program (NIP)

Epidemiology and Surveillance Division (poliomyelitis; Haemophilus influenzae, invasive disease, type B; and varicella).

Disease totals for the United States, unless otherwise stated, do not include data for American Samoa, Guam, Puerto Rico, the U.S. Virgin Islands, or the Commonwealth of the Northern Mariana Islands (CNMI).

Population estimates for the states are from the July 1, 1999, estimates by the U.S. Department of Commerce, Economics, and Statistics Administration, Bureau of the Census, Population Division, Population Distribution Branch, Internet press release ST-99-1, December 29, 1999.\* Population numbers for territories are 1998 estimates from Bureau of the Census press release PR-99-1\* and CB98-219.\* More information regarding census estimates is available at <a href="http://www.census.gov/">http://www.census.gov/</a>.

Rates in the Summary are presented as incidence rates per 100,000 population, based on data for the U.S. total-resident population. However, population data from states in which diseases were not notifiable or disease data were not available were

excluded from rate calculations.

#### **Interpreting Data**

The data reported in the *Summary* are useful for analyzing disease trends and determining relative disease burdens. However, these data must be interpreted in light of reporting practices. Some diseases that cause severe clinical illness (e.g., plague and rabies) are most likely reported accurately, if they were diagnosed by a clinician. However, persons who have diseases that are clinically mild and infrequently associated with serious consequences (e.g., salmonellosis) might not seek medical care from a health-care provider. Even if these less severe diseases are diagnosed, they are less likely to be reported.

The degree of completeness of data reporting also is influenced by the diagnostic facilities available; the control measures in effect; the public awareness of a specific disease; and the interests, resources, and priorities of state and local officials responsible for disease control and public health surveillance. Finally, factors such as changes in the case definitions for public health surveillance, the introduction of new diagnostic tests, or the discovery of new disease entities can cause changes in disease reporting that are independent of the true incidence of disease.

Public health surveillance data are published for selected racial and ethnic population groups because these variables can be risk markers for certain notifiable diseases. Risk markers can identify potential risk factors for investigation in future studies. Race and ethnicity data also can be used to target populations for prevention efforts. However, caution must be used when drawing conclusions from reported race and ethnicity data. Certain racial/ethnic population groups have differential patterns of access to health care, potentially resulting in data that are not representative of disease incidence in these populations.

In addition, not all race and ethnicity data are collected uniformly for all diseases. For example, in NCHSTP, the Division of HIV/AIDS Prevention — Surveillance and Epidemiology and the Division of Sexually Transmitted Diseases Prevention collect race/ethnicity data using a single variable. A person's race/ethnicity is reported as American Indian/Alaskan Native, Asian/Pacific Islander, black non-Hispanic, white non-Hispanic, or Hispanic. Additionally, although the recommended standard for classifying a person's race or ethnicity is based on self-reporting, this procedure might not always be followed.

<sup>\*</sup>Available at <a href="http://www.census.gov/population/estimates/state/st-99-1.txt">http://www.census.gov/population/estimates/state/st-99-1.txt</a>. Accessed January 29, 2001.

Available at <a href="http://www.census.gov/Press-Release/cb98-219.html">http://www.census.gov/Press-Release/cb98-219.html</a>. Accessed January 29, 2001.

#### **Highlights for 1999**

The Highlights section presents information on the public health importance of selected nationally notifiable diseases, including a) domestic and some international disease outbreaks, b) active surveillance findings, c) changes in data reporting practices, d) the impact of prevention programs, e) the emergence of antimicrobial resistance, and f) changes in immunization policies. This information is intended to provide a context in which to interpret surveillance and disease-trend data and to provide further information on the epidemiology and prevention of selected diseases.

#### AIDS

The annual incidence of acquired immunodeficiency syndrome (AIDS) and deaths among persons with AIDS declined during 1996, reflecting the beneficial impact of newly available therapies. Although this trend continued through 1998, provisional data for 1999 suggest that the number of AIDS cases and deaths might be leveling. Before the widespread availability of effective treatments, AIDS surveillance data were representative of underlying trends in human immunodeficiency virus (HIV) transmission. Because of changes in the epidemiology of AIDS associated with treatment successes, AIDS incidence no longer accurately reflects HIV incidence trends. AIDS data now reflect a combination of factors, including a) variation in HIV transmission patterns over a long period, b) differences in access to and use of testing and treatment among populations who are at risk or infected, and c) treatment regimens that might be failing because of drug resistance and poor adherence.

To provide better data for HIV prevention efforts, CDC and the Council of State and Territorial Epidemiologists (CSTE) have recommended that national surveillance expand to include both HIV infection and AIDS cases (MMWR 1999;48[RR-13]; CSTE position statement ID-4, 1997). An integrated national HIV/AIDS surveillance system would provide information regarding persons in whom HIV infection has been newly diagnosed, persons with severe HIV disease (AIDS), and those dying of HIV disease. Currently, at the local level, 33 states and 1 U.S. territory report HIV infections by the patient's name, 6 states and 1 U.S. territory use codes provided by health-care providers for HIV reporting, and 2 states convert names to codes after a report is received.

#### Chancroid

In 1999, a total of 143 cases of chancroid was reported to CDC, for a rate of 0.1 cases/100,000 population. The number of cases reported in 1999 represent a 24.3% decline from 1998 and a continuing decline since 1987. However, chancroid is difficult to culture and could be substantially underdiagnosed. Several studies that have used DNA amplification tests (which are not commercially available) have identified this infection in cities where it was previously undetected (*J Infect Dis* 1998;178:1795–8).

#### Chlamydia trachomatis, Genital Infection

In 1999, a total of 656,721 cases of genital chlamydial infection was reported to CDC, for a rate of 254.1 cases/100,000 population. This is the highest rate of chlamydial infection reported to CDC since voluntary case reporting began in the mid-1980s. It is also the highest rate since genital chlamydial infection became a nationally notifiable disease in 1995. This increase is primarily caused by the continued expansion of chlamydia screening programs and the increased use of more sensitive diagnostic tests for this condition. Since the late 1980s, data on chlamydia prevalence obtained by monitoring test positivity rates of persons screened in different clinic settings have generally

documented declining levels of infection in many parts of the United States (CDC. Sexually transmitted disease surveillance 1999 supplement: Chlamydia Prevalence Monitoring Project. November 2000).

#### Cholera

During 1995–1999, a total of 53 laboratory-confirmed cases of cholera, all caused by *Vibrio cholerae* O1, was reported to CDC. Twenty-nine (53%) patients were hospitalized, and one died. Thirty-six (68%) infections were acquired outside the United States, whereas four (8%) were acquired through consumption of contaminated seafood harvested in Gulf Coast waters. Among travel-associated cholera cases, 32% of isolates were resistant to trimethoprim-sulfamethoxazole, sulfisoxazole, streptomycin, and furazolidone. Thus, foreign travel and contaminated seafood continue to account for most cholera cases in the United States, and antimicrobial resistance is increasing among *V. cholerae* O1 strains isolated from ill travelers.

#### Diphtheria

In 1999, no probable or confirmed cases of toxigenic *Corynebacterium diphtheriae* were reported in the United States. However, one man aged 75 years who had visited a nondairy cattle farm 2 weeks earlier died of an illness clinically consistent with respiratory diphtheria. A toxigenic strain of *C. ulcerans* was isolated from a throat swab from the patient. *C. ulcerans* is primarily an animal pathogen, but can be toxigenic and cause fatal or nonfatal clinical respiratory diphtheria in humans.

#### Gonorrhea

In 1999, a total of 360,076 cases of gonorrhea was reported to CDC, for a rate of 133.2 cases/100,000 population. This was a 9.2% increase over the 1997 rate (122.0/100,000) and a 1.2% increase over the 1998 rate (131.6/100,000). Possible reasons for this trend include expansion of screening programs (motivated by the availability of simultaneous testing for genital chlamydial infections), increased use of new diagnostic tests with improved sensitivity, improvements in surveillance systems, and true increases in morbidity in some geographic areas and segments of the population.

#### Haemophilus influenzae, Invasive Disease

In 1999, a total of 261 cases of *Haemophilus influenzae* (Hi) invasive disease among children aged <5 years was reported (data was provided by the National Immunization Program and were based on date of onset, not *MMWR* week). Before a vaccine was introduced in 1987, approximately 20,000 cases of *H. influenzae* type b (Hib) invasive disease occurred among children annually (*JAMA* 1993;269:221–6). Because of widespread use of the Hib vaccine among preschool-aged children, the number of Hib cases has declined sharply. Of the 261 cases reported during 1999, a total of 215 (82%) Hi isolates were serotyped, and 71 (33%) of these were type b. Among the 71 cases of Hib invasive disease reported among children aged <5 years, 30 (42%) were among those aged <6 months, which is too young to have completed a three-dose primary Hib vaccination. However, 23 (56%) of the 41 children who were old enough (i.e., aged ≥6 months) to have completed a three-dose primary series either had unknown vaccination status (3 children) or were incompletely vaccinated (20 children). These cases might have been prevented with age-appropriate vaccination.

#### Hantavirus Pulmonary Syndrome

In 1999, a total of 42 probable cases of hantavirus pulmonary syndrome (HPS) from 15 states was reported to CDC's National Center for Infectious Diseases; of the 33 cases that were laboratory confirmed by CDC, 10 (30%) were fatal. CDC also confirmed two case-patients with hantavirus infection that did not develop into HPS. Since surveillance began in 1993, cases of HPS have been reported from Canada, Argentina, Paraguay, Brazil, Uruguay, Chile, and Bolivia. Cases with onset in 1999 were retrospectively recognized from Panama, the first Central American country to report HPS. HPS is caused by several hantaviruses in the Western Hemisphere, and most have specific sigmodontine rodent reservoirs of the family *Muridae*. Although most HPS in the United States is caused by Sin Nombre virus and its variants (i.e., New York and Monongahela), some cases have been associated with other hantaviruses, including Bayou and Black Creek Canal. Virus is shed in rodent urine, feces, and saliva, then transmitted through inhalation.

#### Hemolytic Uremic Syndrome, Postdiarrheal

Postdiarrheal hemolytic uremic syndrome (HUS) is a life-threatening illness characterized by hemolytic anemia, thrombocytopenia, and renal injury. In the United States, most cases are caused by infection with *Escherichia coli* O157:H7 or other Shiga toxin-producing *E. coli*. In 1999, the fourth year of national reporting, 26 states reported 181 cases of postdiarrheal HUS to CDC. The median age of patients was 4 years (range: <1–93), and 58% of patients were female. Illness was seasonal, with 54% of cases occurring during June–September.

By comparison, 17 states reported 119 cases in 1998, and 20 states reported 93 cases in 1997. Although the number of areas reporting and the number of cases reported increased in 1999, eight states and at least one territory did not list HUS as a notifiable disease in 1999, contributing to substantial underreporting.

#### Hepatitis A

Routine childhood hepatitis A vaccination is recommended in the 11 states where the average annual hepatitis A rate during 1987–1997 was ≥20 cases/100,000 population (i.e., approximately twice the national average). Routine childhood vaccination should be considered in the six states where the average rate during 1987–1997 was at least 10 cases/100,000 population, but <20/100,000 population.

The overall rate of hepatitis A reported during 1999 was the lowest recorded. However, because hepatitis A rates tend to vary from year to year and from region to region, determining whether this low rate is caused by routine immunization or the natural variability in infection rates is impossible. Monitoring the incidence of hepatitis A to determine if these low rates are sustained over time is critical to assessing the impact of routine vaccination.

#### **Hepatitis B**

Reported cases of acute hepatitis B have decreased >60% during the past decade, from 21,102 cases in 1990 to 7,694 cases in 1999. Surveillance data are being used to monitor the impact of the national strategy for eliminating hepatitis B virus (HBV) infection. Healthy People 2010 objectives call for a 75–90% reduction in the national incidence of hepatitis B among adults (baseline: 15–24 cases/100,000 persons), a 99% reduction among children aged 2–18 years (baseline: 945 cases/year), and a 75% reduction in the number of perinatal HBV infections (baseline: 1,682 infections/year).

Reported hepatitis B cases can be used to monitor the occurrence of disease among adults. However, because most infections among infants and young children are asymptomatic, reported cases underestimate the incidence of disease in these age groups. Thus, data from other sources (e.g., serosurveys) are needed to monitor progress toward eliminating HBV transmission among younger age groups.

#### Hepatitis C; Non-A, Non-B

Cases of hepatitis C reported to the National Notifiable Disease Surveillance System (NNDSS) are considered unreliable because a) there is no serologic marker for acute infection and b) most health departments do not have the resources to determine if a positive laboratory report for hepatitis C virus (HCV) infection represents acute infection, chronic infection, repeated testing of a person previously reported, or a false-positive result. Historically, the most reliable national estimates of acute disease incidence have come from sentinel surveillance. After adjusting for underreporting and asymptomatic infections, the annual number of new infections has decreased >80% since 1989 to 38,000 cases in 1997 (CDC, unpublished data, 1999). Because surveillance for acute hepatitis C provides the best means to evaluate the effectiveness of prevention efforts and identify missed opportunities for prevention, efforts are underway to help states improve and establish surveillance.

#### **HIV Infection, Adult**

In 1998-1999, reports based on AIDS data indicated that the recent decline in AIDS cases and deaths was slowing. Because of improvements in treatment and care of persons infected with HIV, these data could represent a) persons whose treatment was unsuccessful, b) persons who were not tested for HIV before developing AIDS, or c) persons who did not seek or have access to testing and treatment earlier. Public health officials need data concerning persons in whom HIV infection was diagnosed before AIDS to determine who could benefit from prevention and treatment services. In June 1997, reporting of HIV infection among adults and adolescents (i.e., persons aged ≥13 years) was added to the list of nationally notifiable diseases at the annual CSTE meeting. CSTE recommended that all states and U.S. territories implement confidential HIV infection reporting based on methods that provide accurate and representative data for all persons diagnosed confidentially. Recommendations for implementing national HIV case surveillance were published in December 1999, and the revised surveillance case definition became effective January 1, 2000. Currently, 33 states and the U.S. Virgin Islands have implemented confidential reporting of HIV among adults and adolescents as an extension of current AIDS surveillance.

#### **HIV Infection, Pediatric**

In 1999, AIDS surveillance data indicated continued, substantial declines in perinatally acquired AIDS, reflecting declines in perinatal HIV transmission. HIV surveillance data indicated that the increasing use of zidovudine by mothers and newborns was temporally associated with this decline, demonstrating success in nationwide efforts to implement Public Health Service guidelines for routine, voluntary prenatal HIV testing (MMWR 1995;44[No. RR-7]) and the use of zidovudine to reduce perinatal HIV transmission (MMWR 1998;47[RR-2]).

States that conduct surveillance for perinatally exposed and infected children aged <13 years can evaluate the impact of the guidelines and document resources needed to care for perinatally exposed infants. In 1999, a total of 33 states and the U.S. Virgin

Islands conducted surveillance for HIV infection among children, reporting 233 children whose infection had not progressed to AIDS and 123 children who had AIDS. These states also received 2,004 new reports of perinatally exposed children who required follow-up with health-care providers to determine their HIV infection status. Recommendations for implementing a national HIV case surveillance were published in December 1999, and the revised surveillance case definition became effective January 1, 2000. Enhanced programmatic and surveillance efforts to further reduce perinatal HIV transmission are underway.

#### Lyme Disease

In 1999, approximately 16,273 cases of Lyme disease were reported to CDC. Most cases continue to be reported from the northeastern and north-central United States. CDC promotes community-based prevention of Lyme disease using a combination of strategies aimed at reducing vector tick densities, preventing human exposure to infected vector ticks, and vaccinating persons aged 15–70 years when appropriate. A model prevention project is underway in a community in Connecticut. CDC plans to expand prevention projects to other endemic areas.

#### Measles

In 1999, a total of 100 confirmed cases of measles was reported. Thirty-one states and the District of Columbia reported no confirmed measles cases. Forty-two casepatients were aged <5 years, 26 were aged 5–19 years, and 32 were aged ≥20 years. Eleven outbreaks (range: 3–15 cases) were reported. Of the 100 cases reported, 33 were imported from outside the United States, and exposure to these case-patients caused 33 additional cases. The remaining 34 cases were of unknown source. Genotypic analysis of isolated measles viruses in seven chains of transmission showed no evidence of an endemic strain (MMWR 2000:49:557–60). In 1999, CDC convened a panel of expert consultants to review the information on measles epidemiology, molecular virology, surveillance quality, and population immunity in the United States. The experts concluded that measles is not currently endemic in the United States. Because of the continued threat of imported measles, high population immunity must be maintained to continue low levels of transmission.

#### **Pertussis**

Since 1980, the number of reported cases of pertussis has increased in the United States. The reasons for this rise are unknown, but could include increased awareness of pertussis among health-care providers, increased use of more sensitive diagnostic tests, and better reporting of cases to health departments. Of 7,288 cases reported during 1999, a total of 27% occurred among children aged <7 months, who were too young to have received the recommended three doses of a pertussis-containing vaccine; 11% were among preschool-aged children (i.e., those aged 1–4 years); and 28% were among children aged 10–19 years. Since 1995, the coverage rate with at least three doses of a pertussis-containing vaccine has been 95% among U.S. children aged 19–35 months (MMWR 2000;49:585–9). Because vaccine-induced immunity wanes approximately 5–10 years after pertussis vaccination, adolescents can become susceptible to disease. Since 1990, the incidence of pertussis among preschool-aged children has not changed, but the incidence among adolescents has increased in some states (Clin Inf Dis 1999;28:1230–7).

#### Poliomyelitis, Paralytic

A sequential schedule of inactivated poliovirus vaccine (IPV) and live, attenuated oral poliovirus vaccine (OPV) (i.e., two doses of IPV followed by two doses of OPV) was introduced in 1997 for routine childhood polio vaccination in the United States. Since implementation of this schedule, five cases of vaccine-associated paralytic poliomyelitis (VAPP) with onset in 1997 and two cases with onset in 1998 have been confirmed. Three of these cases were associated with administration of the first or second dose of OPV to children who had not previously received IPV, and one of the 1998 cases was associated with the third dose of OPV. Before the sequential schedule, the average annual number of VAPP cases was eight, which suggests that VAPP has declined since introduction of the sequential schedule. Continued monitoring with additional observation time is required to confirm these preliminary findings because of potential delays in reporting. Further reductions are expected because the Advisory Committee on Immunization Practices (ACIP) has approved an all-IPV schedule beginning January 2000, which is intended to eliminate the risk for VAPP.

#### Rubella and Rubella, Congenital Syndrome

During the 1990s, rubella cases declined substantially in the United States, from 1,125 reported cases in 1990 to 267 reported cases in 1999. Since 1997, approximately 19 rubella outbreaks have occurred in the United States, mostly among persons born in countries that do not have routine rubella vaccination programs or that have only recently implemented such programs. During the 1990s, <10 cases of congenital rubella syndrome have been reported annually; most cases were among infants born to mothers born outside the United States.

#### **Shigellosis**

Shigella sonnei infections continue to account for most shigellosis in the United States. Prolonged, communitywide outbreaks of *S. sonnei* infections that are transmitted in child care centers and other settings where maintenance of good hygienic conditions requires special care account for much of the problem. *S. sonnei* can also be transmitted through contaminated foods and through water used for drinking or recreational purposes.

#### Streptococcal Disease, Invasive, Group A

In 1999, approximately 10,200 cases of invasive group A streptococcal (GAS) disease and 1,200 deaths occurred nationally, according to reports from the Active Bacterial Core Surveillance (ABCs) project under CDC's Emerging Infections Program. This program operates in eight states (California, Connecticut, Georgia, Maryland, Minnesota, New York, Oregon, and Tennessee). During 1999, the incidence of this disease was 3.8 cases/100,000 population. Rates were highest among children aged <1 year (4.6 cases/100,000) and adults aged ≥65 years (9.2 cases/100,000). Streptococcal toxic-shock syndrome and necrotizing fasciitis accounted for approximately 3.4% and 6.0% of invasive cases, respectively. The overall case-fatality rate among patients with invasive GAS disease was 11.8%. CDC identifies invasive GAS isolates based on sequences of the variable portion of the M-protein gene (i.e., emm typing); 9.3% of the 645 GAS isolates submitted and emm typed in 1999 were newly recognized emm types.

#### Streptococcus pneumoniae, Drug-Resistant, Invasive Disease

In 1999, the ABCs project of CDC's Emerging Infections Program collected information on invasive pneumococcal disease, including drug-resistant *Streptococcus pneumoniae*, in eight states (California, Connecticut, Georgia, Maryland, Minnesota, New York, Oregon, and Tennessee). Of the 3,745 *S. pneumoniae* isolates collected, 10.3% exhibited intermediate resistance to penicillin (minimum inhibitory concentration [MIC] 0.1–1 ug/mL), and 16.7% were fully resistant (MIC≥2 ug/mL). For cefotaxime, 11.1% of all isolates had intermediate resistance and 5.9% were resistant. For erythromycin, 20.7% were resistant. Nearly 1 in 5 (18%) isolates were not susceptible to ≥3 classes of drugs commonly used to treat pneumococcal infections. In February 2000, the U.S. Food and Drug Administration licensed a pneumococcal conjugate vaccine for use in infants and young children. Information is available on the Internet at <a href="http://www.fda.gov/cber/products/pneuled021700.htm">http://www.fda.gov/cber/products/pneuled021700.htm</a>. Among isolates from children aged <a href="https://www.fda.gov/cber/products/pneuled021700.htm">https://www.fda.gov/cber/products/pneuled021700.htm</a>. Among isolates from children aged <a href="https://www.fda.gov/cber/products/pneuled021700.htm">

#### Syphilis, Congenital

In 1999, a total of 556 cases of congenital syphilis was reported to CDC, for a rate of 14.3 cases/100,000 live births. Like primary and secondary syphilis, the rate of congenital syphilis has declined sharply in recent years, from a peak of 107.3/100,000 in 1991. Congenital syphilis persists in the United States because a substantial number of women don't receive syphilis serologic testing until late in their pregnancy or not at all. This lack of screening is often related to a lack of prenatal care or late prenatal care (*MMWR* 1999;48:757–61).

#### Syphilis, Primary and Secondary

In 1999, a total of 6,657 primary and secondary syphilis cases was reported to CDC. During 1990–1998, the primary and secondary syphilis rate declined 88%, from 20.3 cases/100,000 population to 2.5/100,000. This is the lowest level since reporting began in 1941. Although syphilis has declined in all regions of the United States and in all racial/ethnic groups, rates remain disproportionately high in the South and among non-Hispanic blacks, and focal outbreaks continue to occur, including recent outbreaks among men who have sex with men.

#### **Tetanus**

In 1999, a total of 40 cases of tetanus was reported. Five (12.5%) cases were among persons aged <25 years, 22 (55.0%) were among persons aged 25–59 years, and 13 (32.5%) were among persons aged >59 years. The percentage of cases among persons aged 25–59 years has increased during the last decade; previously, most cases were among persons aged >59 years. Seven of the cases among persons aged 25–59 years were reported in intravenous drug users; two of these cases were fatal. Two cases were in children (aged 4 and 5 years) who had never been vaccinated against tetanus because of their parents' philosophic objection to vaccination.

#### **Tuberculosis**

In 1999, a total of 17,531 tuberculosis (TB) cases (rate: 6.4 cases/100,000 population) was reported to CDC from all states and the District of Columbia. This is a 5% decrease from 1998 and a 34% decrease from 1992, when cases peaked during the resurgence of

TB in the United States. During 1992–1999, TB cases among U.S.-born persons decreased 49%, whereas cases among foreign-born persons increased 4%. Since 1993, when states began reporting initial drug susceptibility results to CDC, the number of multidrug-resistant TB (MDR TB) cases among persons with no history of TB decreased from >400 (2.5%) to <150 (1.1%).

These declines appear to be the result of successful efforts to strengthen TB control after the resurgence of TB and the emergence of MDR TB. The relatively stable number of cases reported among foreign-born persons supports the inference that most cases are caused by infection with *Mycobacterium tuberculosis* in the person's country of origin. CDC has collaborated with state and local health departments to publish recommendations for enhancing TB control efforts among foreign-born persons and is working with these jurisdictions to expand current efforts based on these recommendations (*MMWR* 1998:47(No. RR-16)).

**Typhoid Fever** 

In 1999, typhoid fever was diagnosed in 346 persons in the United States. Despite the availability of effective vaccines, NNDSS reports 300–400 cases each year. Approximately 80% of these cases occur among persons who report international travel during the preceding 6 weeks. Persons traveling to and from their country of origin appear to be at high risk (*JAMA* 2000;283:2668–73). In many areas of the world, *Salmonella* Typhi strains have acquired resistance to multiple antimicrobial agents, including ampicillin, chloramphenicol, and trimethoprim-sulfamethoxazole (*JAMA* 2000;283:2668–73).

#### Varicella

In 1995, varicella vaccine was licensed in the United States. During 1999, vaccine coverage among children aged 19–35 months was 59%. Although varicella is not a nationally notifiable disease, seven states maintained adequate levels of reporting by reporting varicella cases constituting ≥5% of their birth cohort during 1990–1995. Although the number of reported cases varied annually, the number declined steadily in these states during 1997–1999. The marked decline in reported cases in 1999 is consistent with data from active varicella surveillance (in which attenuation of seasonality and marked decline in reported cases occurred in 1999) and is suggestive of vaccine impact (CDC, unpublished data, 2000). Ongoing surveillance will be important to monitor impact of the varicella vaccination program.

# PART 1

# Summaries of Notifiable Diseases in the United States, 1999

## EXPLANATION OF SYMBOLS USED IN TABLES

Data not available	NA
Report of disease is not required in that jurisdiction (not notifiable)	NN
No reported cases	. —
Commonwealth of Northern Mariana Islands	M.I.
Puerto Rico	P.R.
U.S. Virgin Islands	V.I.

TABLE 1. Reported cases of notifiable diseases, \* by month, United States, 1999

	<b>Total</b>	Jan.	Feb.	Mar. 4.450	3.357	3.784	June 4.556		July 3,240			Aug. 3,887	Aug. Sept. 3.887 3.834 3
Botulism, foodborne	88	10	200	-0		-6	44		25	12 1	12 1 3	12 1 13 4 10 4 4 10 10 10 10 10 10 10 10 10 10 10 10 10	12 1 3 4 10 14 8
Other (includes wound)	882	<b>→</b> (*)	- 60	100	-4	-4	44	2		000	.00	655	-4
	143		153,227			162,460		***************************************	2.3	163,475	163,475	163,475	163,475 31
liosis	2,361	118	113	100	146	163	157	1982		211	211 361		361
Cyclosporiasis	8-	11	1.1	1-1	4	0	n	9		11	2 4	9 1	1 6 1
hrlichiosis, human granulocytic Human monocytic	88	-2	m-	100	20-	12	St.	SE		7.4	17 18 18	14 18 8 8	17 % 9 70
Encephalitis, California serogroup viral	184	11	11	11	11	11		25		10	15 14 14	24.0	24 24 8
St. Louis	04	1	1	1	11	11	- 1	1		1	1	2	
coli 0157:H7	4,513	182	17.00	16	188	167	216	483	1 08 50	1 906	988	10-	988
sonormea 4aemophilus influenzae, invasive disease	1,309	7	109	103	8	121	16	138	20'0	1 12	82 82		101 92
lansen disease (leprosy) lantavirus pulmonary syndrome"*	88	9-	2	L 10	410	Sn	00	യന	-	0-		220	220
lemolytic uremic syndrome, postdiarrheal epatitis A	181	1,080	1,446	1,316	1,385	1,636	1,184	1,426	1,198		-1	1,386	1,386 1,537
Hepatitis B Hepatitis C; non-A, non-B	3,111	134	174	100	216	286	257	337	85	-		25.56	253
agionellosis yme disease	1,108	88	388	388	2 B	86	1,306	3,394	2,291	9-0	2,		2,026
easles eningococcal disease	2501	52.25	982	8008	218	585	189	20g	12.	mio		4 10	135 189
Mumps Pertussis (whooping cough)	7,288	362	88	38	86.00	<b>M E</b>	RA	25 N	5.85		228	22 38 230 730	22 38 24
yague Ssittacosis	9	100	1-	18	100	11	04	1-			w		12
Rabies, animal Rocky Mountain spotted fever	6,730	288	124	479	<b>8</b> 5	36	88	186	118		986		000
Rubella, congenital syndrome	967	11	10	~ u	17	1%	200	1 16	18		-6	15 3	5 3
ellosis	40,596	1,702	1,814	1,788	2,009	3,173	3,253	1,757	1,720	100	1,850		1,850
	2,382	107	169	211	218	284	154	219	113			119	119 184
Streptococcus pneumoniae, drug-resistant, invasive disease	4,618	114	194	315	188	734	211	333	18	-	136	136 250	136
l (age <1 yr)*	566	-	1561	2	0	1,600		4	1,78	11			
Total (all stages)* stanus oxic-shock syndrome	35,628 113 113	mæ	9,78	.00	22	8.956 70 4 00	7	20	3,48	-	90	3 12	3 12 8
richinosis uberculosis**	17,531	613	1 296	1,376	1,529	1,197	1,662	1,602	1,507		1,3	1,399	1,389 1,454
yphoid fever	346	4404	4 596	200	260	9000	2,000	38	2 498	000		M 6	0.

\* No cases of anthrax, paralytic policionywellits or thuran rabbies were reported in 1999.
\* Mo cases of anthrax, paralytic policionywellits or thuran rabbies were reported in 1999.
Protein thurbar of a regular difference of the protein of the pr

TABLE 2. Reported cases of notifiable diseases,\* by geographic division and area, United States, 1999

	Total resident population		В	otulism			
Area	(in thousands)	AIDS'	Foodborne	Infant	Other <sup>a</sup>	Brucellosis	Chancroid
United States	272,692	45,104**	23	92	39	82	143
New England	13,496	2.293	-	1	1	3	2
Maine	1,253	80	_	_	-	_	_
N.H.	1,201	46	_	1	-	_	NN
Vt.	594	20	_	_	_	-	NN
Mass.	6,175	1,454	_	-	1	2	1
R.I.	991	107	-	_	_	_	1
Conn.	3,282	586	1	24	_	1	
Mid. Atlantic	38,334	11,713		29	_	2	39
Upstate N.Y. N.Y. City	10,827 7,370	1,690 6.013	1	1	_	2	39
N.J.	8,143	2.043	_	14	=	_	30
Pa.	11,994	1,967	_	9	_	ine.	
E.N. Central	44,442	3,268	1	2	-	14	4
Ohio	11,257	547	-	1	_	_	-
Ind.	5,943	363	1	_	-	1	_
BH.	12,128	1,557	_	_	-	10	NN
Mich.	9,864	649	-	-	_	2	_
Wis.	5,250	152	_	1	1	1	4
W.N. Central	18,800	1,069	1	5	1	7	1
Minn.	4,776	190	_			_	1
lowa	2,869	87	1	NN	-	6	_
Mo. N. Dak.	5,468 634	531	=	2	-	1	0.001
S. Dak.	733	16	-	1	1	_	NN
Nebr.	1,666	67	_	1	_	-	_
Kans.	2.654	171	_	-	_	_	_
S. Atlantic	49,561	12,460	A	10	-	3	62
Del.	754	186	_	_	_	_	_
Md.	5.172	1,525	ann.	3	_	_	-
D.C.	519	838	nere .	_	_	-	_
Va.	6,873	943	=	3	-	_	3
W. Va.	1,807	60	man.	_	_	-	_
N.C. S.C.	7,651	794		2	-		7
Ga.	3,886	959 1,678		2	_	NN	48
Fia.	7,788 15,111	5,468	4	2	_	3	1 3
E.S. Central	16,584	1,933	2	5	_	2	1
Ky.	3,961	277	-	3	_		
Tenn.	5,484	759	2	2	_	_	_
Ala.	4.370	476		-	-	2	1
Miss.	2,769	421	Ē	-	-	-	_
W.S. Central	30,325	4,377	_	6	-	25	25
Ark.	2,551	194	-	-	_	2	_
La.	4,372	854	_	1	-	-	9
Okia.	3,358	148		1	_	_	man.
Tex.	20,044	3,181	-	4	_	23	16
Mountain	17,128	1,742	-	10	1	6	1
Mont. Idaho	883 1,252	13 25	-	1	_	1000	-
Wyo.	480	15	_	1	=	_	1
Colo.	4,056	319	=	2	1	4	,
N. Mex.	1,740	93	_	î	_	1	_
Ariz.	4,778	880	_		_	1	_
Utah	2,130	155	in the same of	4	_	_	_
Nev.	1,809	242	- Seeder	1	_	_	_
Pacific	44,022	6,145	34	29	36	20	8
Wash.	5,756	360	7	-	-	-	-
Oreg.	3,316	225	-	3	1	_	1
Calif.	33,145	5,445	4	26	36	18	7
Alaska	620 1,185	15 100	3	-	_	_	
Hawaii			400			2	NN
Guam	149	10	- man	_	-	-	_
P.R.	3,890	1,247					1
V.I. American Samoa	118 62	39	NN NA	NN NA	NA NA	NN	-
C.N.M.I.	67	_	NA NA	NA NA	NA NA	NA NA	NA NA

C.N.M.I.

\*No cases of anthrax were reported in 1999.

Total number of acquired immunodeficiency syndrome (AIDS) cases reported to the Division of HIV/AIDS Prevention—Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention (NCHSTP), through December 31, 1999.

Includes cases reported as wound or unspecified botulism.

Totals reported to the Division of Sexually Transmitted Diseases Prevention, NCHSTP, as of August 8, 2000.

\*\*Total includes 104 cases among persons with unknown state of residence.

TABLE 2 (Continued) Reported cases of notifiable diseases, by geographic division and area, United States, 1999

							Human
Area	Chiamydia*	Cholera	Cryptosporidiosis	Cyclosporiasis	Diphtheria	Human granulocytic	monocytic
United States	656,721	6	2,361	56	1	203	90
New England	21,224	_	186	7	_	90	_
Maine	1,220	_	31	****	ministr	COMMO .	_
N.H.	976	motor	20	esse.	-	1	_
Vt.	485	-	36	NN	_	NN	NN
Mass.	8,776	_	71	7	-	9	_
R.I.	2,345	_	6	-	-	7	-
Conn.	7,422	_	22		-	73	-
Mid. Atlantic	66,209	1	629	18	-	87	-
Upstate N.Y.	NN	-	192	-	name.	75	******
N.Y. City	26,766	-	260	18	_	2	_
N.J.	12,424 27,019	1	54 123	_	_	10	-
Pa. E.N. Central	111,571	_	256	1	_	-	_
Ohio	29,398		67	1	_	_	_
Ind.	11,734	_	47	NN	_	NN	NN
III.	32,870	_	90	Pere	_	NN	NN
Mich.	23,107	_	52		_	14.4	
Wis.	14,462	-	NN	NN	where	NN	NN
W.N. Central	38,516	-	217	-	_	4	53
Minn.	7.450		91	-	nation .	-	_
lowa	5.511	_	56	con	all to	_	-
Mo.	13.355	-	26	-	_	3	53
N. Dak.	947	-	20	_	-	_	_
S. Dak.	1,544	_	7	-	_	_	-
Nebr.	3,616	10000	15	_	-	4000	10000
Kans.	6,093	-	2	-	400	1	_
S. Atlantic	134,306	3	452	28	_	_	21
Del.	2,761	_	1	-	-	_	-
Md.	13,568	-	17	NN	****	NN	NN
D.C.	NN	-	7	5	witter	NN	NN
Va.	13,735	-	30	-	-	1000	-
W. Va.	1,820	_	3	3	-	_	
N.C. S.C.	21,812	-	35	_	*****	_	12
	18,499 30,368	1	170	10	_	_	1
Ga. Fla.	31,743	,	189	10	_	_	8
E.S. Central	45,514	_	48	10	_	21	
	7,378	-	7		_	2.1	
Ky. Tenn.	14,216	-	13		_	21	_
Ala.	12,375	_	16	_	_	NN	NN
Miss.	11,545	_	12	-	****	NN	NN
W.S. Central	93,653	_	96	-	-	_	23
Ark.	5,865		2	_	_	-	22
La.	16,635	_	24	_		NN	NN
Okla.	8.195	_	NN	NN	-	NN	NN
Tex.	62,958	-	60	100	_		1
Mountain	37,430	2	101	2	_	-	1
Mont.	1,584	_	13	_		NN	NN
Idaho	1,778	_	NN	NN	-	NN	NN
Wyo.	787	_	1	_	*600	_	_
Colo.	10,848	-	14	2	_	_	-
N. Mex.	5,017	****	44	- manual	_	NN	NN
Ariz.	12,111	2	16	-	-	_	_
Utah	2,219	_	4	-	_	_	
Nev.	3,086	4000	9	-	_	NN	NN
Pacific	108,298	2	377	_	1	1	1
Wash.	11,964	_	NN	_	1	NN	NN
Oreg.	6,127	-	98	400	_	NN	NN
Calif.	85,156	1	279	440	_	100	1
Alaska	1,886	-	_	_	-	NN	NN
Hawaii	3,165	1	-			NN	NN
Guam	497	-		_	-	_	_
P.R.	1,445	-	-			_	-
V.I.	136	NA	NA	NA	NA	NA	NA
American Sam		NA	NA	NA	NA	NA	NA
C.N.M.I.	NA	NA	NA	NA	NA	NA	NA

<sup>\*\*</sup>Chlamydia refers to genital infections caused by *C. trachomatis*. Totals reported to the Division of Sexually Transmitted Diseases Prevention, NCHSTP, as of August 8, 2000.

TABLE 2. (Continued) Reported cases of notifiable diseases, by geographic division and area, United States, 1999

_		Encepha	ilitis				
	California	Eastern		Western	Escherichia ci	of O157:H7	
Area	serogroup viral	equine	St. Louis	equine	NETSS*	PHLIS'	Gonorrhea <sup>t</sup>
United States	70	5	4	1	4,513	2,809	360,076
New England	_	-		_	404	366	6,625
Maine	contro	_	-	-	40	NA	83 115
N.H.	-	-	_	-	36	34	52
Vt.	_	-	- Care		32 177	21 188	2,453
Mass. R.i.	_	9860	-	-	27	26	601
Conn.	_	-	_	_	92	97	3.321
Mid. Atlantic	_	_	_	_	1.034	239	40,973
Upstate N.Y.	-	_	_	=	939	18	7,616
N.Y. City	-	-	_	_	17	18	12,210
N.J.	-	-	-	- manual	78	144	7,852
Pa.	_	_	_	_	NN	59	13,295
E.N. Central	31	-	_	_	994	532	70,056
Ohio	34	-	-	_	262	219	18,141
Ind.	-	_	4	-	107	67	6,092
III.	3	-	-	_	498	92	23,254
Mich.	1	-	-	-	127	85	15,907
Wis.	13	_	-	_	NN	60	6,662
W.N. Central	6	_	_	1	595	550 187	16,793 2,830
Minn.	6	_	-	1	175 114	82	1,365
lowa	-	_	-	-	47	71	8.187
Mo. N. Dak.	-		_	_	19	19	83
S. Dak.	_	_	_	_	47	62	192
Nebr.	_	_	_	_	159	113	1,471
Kans.	_	_	-	_	34	16	2,665
S. Atlantic	26	3	4	_	357	190	104,262
Del.	_	_	_	=	6	3	1,662
Md.	-	NN	_	-	43	4	10,430
D.C.	*****	_	-	_	1	NA	3,536
Va.	-	_	_	-	79	63	9,402
W. Va.	16	-	_	color	16	11	584
N.C.	10	-	_	_	74	53	19,428
S.C.	-	_	-	_	22	14	15,037
Ga.	-	_	_	-	43	3	21,244
Fia.		3	4	-	73	39	22,939
E.S. Central	7	-	_	_	142	106	36,014
Ky.	7 1 6	_	_	_	50 56	35 45	3,349 11,366
Tenn.		_	_	_	28	21	10,888
Ala. Miss.		_	_	_	9	5	10,411
W.S. Central	-	2	_	_	174	174	53,346
Ark.	_	~	_	_	15	14	3,226
La.	_	2	_	_	14	15	13,189
Okla.	_	_	-	_	40	30	4,021
Tex.	-	=	_	_	105	115	32,910
Mountain	_	_	_	_	346	245	9.535
Mont.	-	-	-	_	25	NA	53
Idaho	-	-	_	-	78	43	89
Wyo.	-	-	-	-	17	17	43
Colo.	-	_	-	-	116	89	2,526
N. Mex.	-	-	-	_	13	7	974
Ariz.	10000	-	-	-	37	24	4,293
Utah	-	_	-	_	36	90	254
Nev.	_	_	-	Comme	25	15 407	1,303 22,472
Pacific	NN	NN	-	_	467 186	185	2,132
Wash.	NN	NIN	NN	NN	180	69	903
Oreg. Calif.	tana.	rere	rere	Pere	197	140	18,672
Alaska	NN	NN	NN	NN	197	1	302
Hawaii	1974	1414	THE	NN	15	12	463
				1414	NN	NA NA	59
Guarn	-	_	_	_			
P.R.	N. A	***	***	NA	9	NA	321
V.I.	NA NA	NA NA	NA NA	NA NA	NA NN	NA NA	51 NA
American Samo C.N.M.I.	NA NA	NA NA	NA NA	NA NA	NN	NA NA	NA NA

National Electronic Telecommunications System for Surveillance.
Public Health Laboratory Information System. Totals reported to the National Center for Infectious Diseases as of July 18, 2000.
Totals reported to the Division of Saxually Transmitted Diseases Provention, NCHSTP, as of August 8, 2000.

TABLE 2. (Continued) Reported cases of notifiable diseases, by geographic division and area, United States, 1999

	Haemophilus	Hansen	Hantavirus	Hemolytic uremic		Hepatitis		
Area United States	influenzae, invasive disease	(leprosy)	pulmonary syndrome®	syndrome, postdiarrheal	A	В	C; non-A,	Legionellosi
New England	1,309	108	33	181	17,047	7,694	3,111	
Maine	117	1	-	12	373	153	16	1,108
N.H.	8	-	-	-	27	3	2	91
Vt.	6	NN	-	-	18	17	NN	3
Mass.	41	1	-	1	24	5	7	15
R.I.	9	_	_	_	142	44	4	27
Conn.	34	-	_	10	35	43	3	20
Mid. Atlantic	210	12	2	38	127	41	-	16
Upstate N.Y.	86		-	25	1,211	922	136	273
N.Y. City N.J.	57	9	-	7	293 403	200	68	74
Pa.	59	2	-	6	151	293	_	-44
E.N. Central	8	1	2	_	364	138 291	-	24
Ohio	212	2	1	12	2,940	913	68 893	131
Ind.	63 32	2	-	12	655	95		279
III.	32	PAPA	1	NN	105	77	4 3	85
Mich.	20	-	NN	NN	849	202	48	52
Wis.	8	_	-		1,253	509	822	33 64
W.N. Central	92	1	-	NN	78	30	16	45
Minn.	57		4	23	1,133	393	344	71
lowa	2	_	2	13	128	80	25	18
Mo.	14	_	2	_	161	44	_	17
N. Dak.	2	NN	_	6	712	227	315	22
S. Dak.	4	-	None:	4	3	2	1	2
Nebr.	5	-	NN	NN	10 53	1	-	6
Kans. Atlantic	8	1	2	1414	66	22 17	3	6
Del.	289	14	-	25	2,151	1,412	104	
Md.	1	_	-	-	2	1,412	184	165
D.C.	71 5	1	NN	NN	306	148	22	21
Va.	24	_		-	59	25	22	37
W. Va.	8	_	NN	3	185	106	11	5 41
N.C.	36	_	NN	_	47	29	21	NN
S.C.	6	-	1414	10	167	224	33	15
Ga.	80	NN	_	4	48	64	22	12
Fla.	58	3	-	8	482 855	230	4	5
.S. Central	72	-	-	10	404	585	70	29
Ky. Tenn.	9	-	-	NN	67	473	348	53
Ala.	40	-	-	8	147	50	28	22
Miss.	18	_	NN	2	62	207 86	123	24
I.S. Central	5 68	-	NN	-	128	130	196	5
Ark.	2	24	1	19	3,343	1,319	713	41
La.	15	-	-	distant	81	98	31	1
Okla.	47	3	-	-	213	172	302	11
Tex.	4	20	1	.1	533	185	18	7
lountain	117	3	14	18	2,516	864	362	22
Mont.	3	_	2	9	1,258	614	237	40
daho	2	_	2	2	18	21	5	-
Wyo.	1	-	1	1	47	29	8	3
Colo.	15	1	2	2	9 219	14	88	-
N. Mex. Ariz.	19	-	4	1	56	99 215	37	14
Jtah	63	_	2	NN	700	138	34	1
Vev.	10	_	- marine	1	64	39	49	7
cific	132	2	1	2	146	59	10	18
Vash.	9	61	11	33	4,234	1,495	240	6 86
Oreg.	46	1	5	NN	505	111	24	22
Calif.	54	35	NN	4	251	116	23	NN
Alaska	9	30	6	29	3,439	1,234	193	62
lawaii	15	22	_	. Marrie	15	18	~	1
Guam	_	1		-	24	16	-	1
R.	2	5	-	men.	1	4	2	
CI.	NA	NA	Times.		417	307	_	_
merican Samos	NA NA	NA	-	NA	NA	NA	NA	NA
.N.M.I.	NA	NA	-	NA NA	NA	NA	NA	NA

<sup>\*</sup> Totals reported to the National Center for Infectious Diseases as of June 30, 2000.

TABLE 2. (Continued) Reported cases of notifiable diseases, by geographic division and area, United States, 1999

	Lyme		Mea	nies	Meningo- coccal			
Area	disease	Malaria	Indigenous	Imported*	disease	Mumps	Pertuesis	Plagu
United States	16,273	1,666	66	34	2,501	387	7,288	9
New England	4,642	70	5	6	115	9	978	_
Maine	41	3	_	_	5		33	
N.H.	27	2	_	1	13	2	116	-
Vt.	26	5	_	-	5		96	_
Mass.	787	22	4	4	66	4	649	-
R.I.	546	8	_	_	9	2	49	descri-
Conn.	3,215	30 431	1	5	17	46	35	_
Mid. Atlantic	8,902		_		237		1,319	_
Upstate N.Y.	4,266 136	78 251	-	2 3	80	14	1,020	_
N.Y. City N.J.	1,719	57	- manual	3	57 52	12	61 19	_
Pa.	2,781	45	-		48	19	219	_
E.N. Central	586	169	5	5	423	56	743	_
Ohio	47	18	_	_	134	21	322	
Ind.	21	22	1	1	76	5	90	_
III.	17	77	_	2	111	16	140	_
Mich.	11	42	4	2 2	64	10	74	nter.
Wis.	490	10	Marie .	_	38	4	117	
W.N. Central	407	104	_	1	243	16	571	_
Minn.	283	71		1	56	1	281	
lowa	24	13	_	_	42	8	111	_
Mo.	72	14	-	-	94	1	75	_
N. Dak.	1	-	_		4	1	31	_
S. Dak.	-	-	_	_	11	_	8	-
Nebr.	11	1	_	-	13	1	9	_
Kans.	16	5	_	-	23	4	56	-
S. Atlantic	1,353	395	15	5	446	55	500	_
Del.	167	2	-	_	10	need.	8	-
Md.	899	110	-	-	56	6	124	-
D.C.	6	19			4	2	1	-
Va.	122	76	15	3	60	11	65	_
W. Va.	20	4	-		9	_	6	-
N.C. S.C.	74	36 19	=	_	49 48	9	104	-
Ga.	10	32	_	-	72	4	27 52	_
Fla.	59	97	-	2	139	17	113	-
E.S. Central	102	27	2	-	161	12	118	
Ky.	19	7	2	=	35	-	49	_
Tenn.	59	9	_	_	66	_	45	_
Ala.	20	7	_	=	38	11	21	NN
Miss.	4	4		_	23	1	3	1000
W.S. Central	96	128	8	4	260	50	230	_
Ark.	7	3	5	_	36	_	26	
La.	9	10	_	_	70	11	9	_
Okla.	8	2	_	-	40	4	43	_
Tex.	72 17	113	3 2	4	115	35	152	-
Mountain	17	46	2	-	149	27	829	- - 9
Mont.	_	4	-	_	5	_	2	-
Idaho	3	3	-	-	14	4	146	400
Wyo.	3	1	_	_	5	-	2	3 6
Colo.	3	18	_	4	39	6	313	3
N. Mex.	1	4	_	-	16	NN	155	6
Ariz.	3	7	1	_	46	8	139	-
Utah	2	4	-	-	17	4	58	_
Nev. Pacific	168	5	_1	-	8	5	14	_
		296	29	8	467	116	2,000	-
Wash.	14	43	4	1	93	2	739	-
Oreg. Calif.	15	22	12		76	NN	61	_
Alaska	139	218	13	4	280	96	1,144	-
Hawaii	NN	12	_	3	10	3 16	5	-
	Dere			3			51	
Guam	-	1	1	-	1	3	2	-
P.R.		3	. 1	-	15	. 1	14	_
V.I.	NA	NA	NA	NA	NA	NA	NA	NA
American Samo		NA	NA	NA	NA.	NA	NA	NA
C.N.M.I.	NA	NA	NA	NA	NA	NA	NA	NA

<sup>\*</sup> Imported cases include only those resulting from importation from other countries.

TABLE 2. (Continued) Reported cases of notifiable diseases,\* by geographic division and area, United States, 1999

		WALL		R	ubella	Salmon	eliosis
Area	Paittacosis	Rabies, Animal	RMSF1	Rubella	Congenital syndrome	NETSS'	PHLIS1
United States	16	6.730	579	267	9	40.596	32.782
New England	-	919	6	7	-	2.237	2.250
Maine	-	200	_	_	-	132	104
N.H.	-	47	-	_	-	141	137
Vt.	-	92	-	_	NN	93	82
Mass.	Appen	226	2	7	-	1,208	1,229
R.I.	NN	101	4	_	4000	151	169
Conn.	A A	253	39	35	_	512	529
Mid. Atlantic	1	1,306			2	5,634	5,280
Upstate N.Y.	1	919 NA	14	21	_	1,516	1,363
N.Y. City N.J.	1	180	7	6 5	2	1,457 1,199	1,527
Pa.	1	206	18	3	- Colon	1,462	1,271
E.N. Central	2	172	32	2	_	5,432	4,690
Ohio	1	36	8		_	1,313	1,093
Ind.	1	13	12	1	_	572	479
III.	_	10	7	i	5000	1,600	1,568
Mich.	make:	92	5	_	minute	973	968
Wis.	****	21		-	_	974	582
W.N. Central	-	746	33	140	= = = = = = = = = = = = = = = = = = = =	2,349	2,410
Minn.	_	120	1	5	-	626	710
lowa	-	159	1	30	_	260	232
Mo.	-	31	16	2	-	758	881
N. Dak.		147	meter.	_	nam	58	62
S. Dak.	-	180	4	-	make .	100	118
Nebr.	_	4	9	103	-	214	180
Kans.	_	105	2		-	333	227
S. Atlantic	3	2,172	279	39	_	9,742	6,489
Del.	-	58	_	-	_	179	160
Md.	1	394	33	1	-	860	888
D.C. Va.	_	581	20	_	_	76	NA 1 000
W. Va.	_	115	20	_	_	1,286 189	1,036 154
N.C.	1	442	152	30	_	1,331	1,311
S.C.	_	149	52	37	_	702	530
Ga.	_	247	14	-	_	1,976	1,701
Fla.	1	186	7	9	_	3,143	709
E.S. Central	1	256	99	2	-	2.239	1,481
Ky.	-	35	3	man	_	419	294
Tenn.	-	96	65	maken	nine.	593	597
Ala.	1	124	17	2	_	605	491
Miss.	_	2	34	entain.	-	622	99
W.S. Central	relation	524	86	22	_	4,088	2,807
Ark.	map .	31	25	12	_	698	265
La.		-	2	-		726	617
Okla.	NN	94	29	1	-	466	352
Tex.	NN	399	10	9	5	2,198	1,573
Mountain	3	272	19	16	9	3,071	2,615
Mont. Idaho	-	64	2	-	_	86	2
Wyo.	1	45	5	-	_	135 70	97 59
Colo.	2	51	4	1	1	720	708
N. Mex.	2	9	1	_	1	370	293
Ariz.	_	81	,	13	2	924	820
Utah	_	8	5	1	ĩ	566	587
Nev.	-	8	1	1	_	200	49
Pacific	3	364	6	4	2	5,804	4,760
Wash.	_	_	3	-	-	792	848
Oreg.	-	4	2	major	nienys	426	477
Calif.	3	351	1	4	2	4,193	3,111
Alaska	-	9	NN	_	NN	56	35
Hawaii	_	_	NN	-	-	338	289
Guam	- China	****	-	_	_	37	NA
P.R.	-	74		2	_	715	NA
V.I.	NA	NA	NA	NA	NA	NA	NA
American Samo		NA	NA	NA	NA	NA	NA
C.N.M.I.	NA	NA	NA	NA	NA	NA	NA.

No cases of paralytic poliomyelitis or human rabies were reported in 1999.
 Rocky Mountain spotted fever.
 National Electronic Telecommunications System for Surveillance.
 Public Health Laboratory Information System. Totals reported to the National Center for Infectious Diseases as of May 4, 2000.

TABLE 2. (Continued) Reported cases of notifiable diseases, by geographic division and area, United States, 1999

			Streptococcai	Streptococcus		Syph	
Area	Shig NETSS*	PHLIS <sup>1</sup>	disease, invasive, group A	pneumoniae, drug resistant	toxic-shock syndrome	Congenital (age <1 yr)	Primary 8 secondary
United States	17.521	10.084	2.382	4,618	61	556	6.657
New England	885	851	81	14	1	2	60
Maine	5	001	9		-		-
N.H.	19	17	17	NN	_	1	1
Vt.	7	4	14	14	1	_	3
Mass.	748	731	26	NN	-	-	37
R.I.	37	29	15	_	_	-	3
Conn.	69	70	-	_	NN	1	16
Mid. Atlantic	1,188	750	410	152	4	96	302
Upstate N.Y.	314	84	245	150	NN	2	20
N.Y. City	353	247	118	NA	_	41	130
N.J.	297	236	29	2	3	46	68
Pa. E.N. Central	224 3.300	183 1,853	18 <b>638</b>	197	43	93	1,254
			149	137	14		92
Ohio Ind.	422	150 118	37	197	2	6	450
Ina.	368 1,330	1,018	246	NN	27	53	422
Mich.	535	489	206	NN		20	249
Wis.	645	78	NN	NN	NN	7	41
W.N. Central	1,246	806	252	626	3	10	135
Minn.	254	254	182	609	_	_	10
lowa	74	62	_	NN		4000	9
Mo.	721	353	45	_	_	9	96
N. Dak.	3	2	8	5	-	-	-
S. Dak.	18	10	11	3	_	1	_
Nebr.	87	68	_	_	-	demo	6
Kans.	89	57	6	9	3		14
S. Atlantic	2,702	534	334	1,708	4	115	2,102
Del.	15	11		10			10
Md.	162	58	NN	NN	NN	27	343
D.C.	53	NA	11	46	NN	_	45
Va.	136	66	36	NN	_	3	153
W. Va. N.C.	211	5 93	27 48	31 NN	_	19	5 464
S.C.	122	64	5	356		19	269
Ga.	284	83	112	555		15	430
Fla.	1,710	154	95	711	4	32	383
E.S. Central	1.223	699	85	318	5	25	1,138
Ky.	235	149	26	_	_	-	101
Tenn.	691	476	59	318	5	7	641
Ala.	117	63	-	_	-	6	202
Miss.	180	11	NN	NN	NN	12	194
W.S. Central	3,143	1,212	243	1,558	-	102	1,053
Ark.	76	27	8	30	minim	14	87
La.	226	137	1	116	NN	12	306
Okia.	560	171	NN	NN	NN	8	187
Tex.	2,281	877	234	1,412		68	473
Mountain	1,164	773	311	44	1	25	241
Mont.	10	-	-	A 19.1	NN	_	1
Idaho	28	12	7	NN	_	-	1
Wyo.	205	101	2	8		1	8
Colo. N. Mex.	205 152	164 109	41	6 20	-	1	12
Ariz.	602	413	260	20	_	24	212
Utah	66	68	NN	NN	1		212
Nev.	98	6	1	10	1000	****	
Pacific	2,670	2,606	28	1	-	88	372
Wash.	172	116	NN	NN	-	_	77
Oreg.	95	91	NN	NN	NN	-	8
Calif.	2,364	2,368	NN	*****	NN	88	283
Alaska	4	5	-	-	name		1
Hawaii	35	36	28	1	· com	_	3
Guam	19	NA	3	_	-	_	2
P.R.	141	NA	_		-	17	146
V.I.	NA	NA	NA	NA	NN	_	1
American Samo		NA	NA	NA	NA	NA	NA
C.N.M.I.	NA	NA	NA	NA	NA	NA	NA

National Electronic Telecommunications System for Surveillance.
 Public Health Laboratory Information System. Totals reported to the National Center for Infectious Diseases as of April 17, 2000.
 Totals reported to the Division of Sexually Transmitted Diseases Prevention, NCHSTP, as of August 8, 2000.

TABLE 2. (Continued) Reported cases of notifiable diseases, by geographic division and area, United States, 1999

	Syphilis*	_	Toxic- shock			Typhoid	Varicella <sup>1</sup>	Yellow
Area	stages	Tetanus	syndrome	Trichinosis	Tuberculosis <sup>1</sup>	fever	(chickenpox)	fever
United States	35,628	40	113	12	17,531	346	46,016	1
New England	587	_	7	1	489	28	497	_
Maine	1	-	2	etten	23	-	46	-
N.H. Vt.	17	-	2	_	19	_	NN	NN
Vt. Mass.	385	-	3	-	270	1	NN	_
R.I.	55	-	9	_	53	3	427	_
Conn.	126	_	NN	1	121	7	25 NN	- marin
Mid. Atlantic	5.826	5	13	3	2.862	100	1909	_
Upstate N.Y.	357	4	6	3	377	15	NN	_
N.Y. City	3.737	_	2	_	1,460	49	NN	_
N.J.	800	*****	_	-	571	35	NN	_
Pa.	932	1	5	_	454	1	NN	_
E.N. Central	4,101	4	36	3	1,753	41	28,004	-
Ohio	364	2	4	-	317	4	1,307	_
Ind.	802	2	2 5	_	150	6	NN	-
III. Mich.	1,967 778	_	17	2	825	17	13,846	_
Wis,	190		7	1	351	14	12,260	_
W.N. Central	625	3	13	1	110 582	3	591 5,297	-
Minn.	71	1	2		201	1	NN	_
lowa	37	-	4	_	58	i	NN	_
Mo.	395	1	3	-	208	_	5,291	-
N. Dak.		enan.	_	-	7	mile	5	_
S. Dak.	3	_	1000	- manager	21	-	NN	_
Nebr.	24	_	2	_	18	eteste	1	_
Kans.	95	1	2	1	69	1	NN	_
S. Atlantic	10,220	5	8	1	3,518	57	3,565	-
Del.	72	naiphine.		_	34	2	5	-
Md.	1,385	_	NN	_	294	9	NN	NN
D.C. Va.	458 722	_	_	- colins	70	-	75	-
W. Va.	15	_	-	_	334 41	33	1,490	_
N.C.	1.713	2	1	_	488	3	1,995 NN	-
S.C.	925	_	2	_	315	3	NN	_
Ga.	1,973		2	_	665	5	NN	_
Fla.	2,957	3	2 3	1	1,277	24	NN	-
E.S. Central	3,960	-	7	_	1,120	2	584	_
Ky.	302	-	3	NN	209	1	NN	_
Tenn.	1,734	_	4	_	382	1	584	
Ala.	1,018	quinter	-	_	314	_	NN	_
Miss. W.S. Central	906	6	NN	-	215		NN	-
Ark.	6,024 364		2		2,395	24	7,646	_
La.	1,423	****	-	NN	181	1	NN	_
Okla.	538	-	2	NN	357 208		173 NN	
Tex.	3.699	6	NN	LALC	1,649	23	7,473	_
Mountain	1,161	_	4	1	580	7	423	_
Mont.	3	_	_	-	14	-	NN	
Idaho	13	-	residen	_	16	1000	NN	
Wyo.	-	-	1	_	3	_	NN	-
Colo.	91	_	_	1	88	2	NN	_
N. Mex.	80	-	2	claus	64	minum	NN	_
Ariz.	833	_	-	-	262	2	245	_
Utah	49	_	1	-	40	2	136	_
Nev. Pacific	3.124	17	24	2	93	1	42	NN
Wash.	3,124	1/			4,232	84	0.007	1
Oreg.	37	1	5 NN	_	258 123	8 5	NN NN	-
Calif.	2.859	16	19	2	3,606	71	NN	1
Alaska	13	90	NN	_	3,000	71	NN	1
Hawaii	11	-	NN	-	184	-	NN	-
Guam	12			-	69		210	
P.R.	1,457	2			200	-	5.019	_
V.I.	13	NA	NA	NA	NA NA	NA	NA	NA
American Samos		NA	NA	NA	4	NA	NA	NA
C.N.M.I.	NA	NA	NA	NA	66	NA	NA	NA

Totals reported to the Division of Sexually Transmitted Diseases Prevention, NCHSTP, as of August 8, 2000.
 Totals reported to the Division of Tuberculosis Elimination, NCHSTP, as of May 3, 2000.
 Although not nationally notifiable, reporting is recommended by the Council for State and Territorial Epidemiologists.

TABLE 3. Reported cases and incidence rates of notifiable diseases,\* by age group, United States, 1999

		•	-		1		inne	36	-24 vrs	26.3	9 vrs	9-04	24 yrs	<b>3</b>	-65 yrs	Age
	Total	1	Ale (Bute)	- Sec	(Rate)	**	do. (Rate)	0	(Hate)	No.	lo. (Rate)	No.	D. (Rate)	No.	(Rate)	stated
Disease	45 104	E C C C C C C C C C C C C C C C C C C C	231)	9	(0.59)	1	(0.34)	1,700	(4.51)	23,291	(38.57)	19,083	(23.45)	718	\$ 2.08)	1
Botulism, foodborne		1	0.18	11.	000	1.	180	-	0.00	2	0.00	21	0.01	21	5	-
Other (includes wound)	RE	8-	0.03	- 1	000	- [5	311	-	0.00	920	0000	<b>35</b> 6	0000	-8	900	1-
Brucellosis	388	NA	0.03 NA3	NA	S N	N	NAS	480,196	1,273,72	138,422	(229.24)	13,036	16.02	96	25.60	7,004
Cholera	g and	11	1	-	0.00	- 0000	0000	206	000	710	1.24	785	000	106	33	16
Cyclosporiasis	N 8	04	0.11	an a	0.05	900	0.01	=	0.03	100	0.01	RI	0.03	io-	000	-1
Dipotheria	-	1	-	1				5		8	10 401	2	10101	8	11001	,
Human granulocytic	ga	-2	0.00	41	0.03	ma	300	54	000	812	0.03		0.08	323	0.08)	·m
Encephalitis, California	-	0	0.051	45	( 0.00)	8	(0.12)	4	(100)		(000)	60	(000)	61	(0.01)	ı
Eastern equine	Sruz	1	31	11		100	0.01	-1	0.00	1-	0.00	NN	88	1-	0.00	11
St. Louis	-	11	11	11		11	T	1	1	18	118	18	- 3 E	200	0000	288
Escherichia coli 0157:H7	36442	8 <u>₹</u>	2.75 NAS	8¥	2.56 NA NA	SA SA	24X	210,882	560.39	110,680	183.29	26,402	(32.44)	緬	2.59)	3,612
Haemophilus influenzae,	1 300	140	3911	106	(0.70)	8	(0.15)	29	(0.15)	110	( 0.18)	300	( 0.37)	200	1.46	83
Hansen disease (leprosy)	38	1		1	T -	2	(0.01)	7	(0.05)	R	(90.0)	23	(0.04)	//	0.00	5
Mantavirus pulmonary syndrome**	8	1	Î	I	Î _	63	(10.01)	69	(10.0)	12	( 0.02)	12	(0.01)	m	(0.01)	I
Hemolytic uremic	181	10	0.16)	26	(0.73)	9	(0.13)	90	(0.03)	9	(0.01)	11	( 0.02)	-6	0.00	124
Hepatitis A	12021	188	2.23	86	55.88	3,546	000	2,768	7.34	24.00	2000	2305	2.90	333	0.96	13
Hepatitis C: non-A. non-B	3,111	381	0.76)	Sr.	0.050	250	000	201	0.48	080	1.62	1,854	2.03	24	130	R:
Legionellosis	1,108	mg	0.0	820	0.00	3.160	8000	1,410	3.76)	2,722	4.53	5,837	7.20	2,100	6.11	141
Malaria	1,686	de!	0.18	192	0.50	182	00.38	315	00.00	88	00.00	200	000	8	9 1	9-
Measles Meningococcal disease	2,501	- M	9.29	S S	25.41	35	0.85	467	1.24	Z	0.37	338	0.47	375	0.00	25
Mumps Branches Judgeoning Counch	7 2987	2 168	56.87	RAG	5.82	2.056	5.22)	88	2.34)	36	000	674	000	8	00.23	32
Plague	ong.	1	T	1	1	-	0.00	11		-2	88	2	000	ten	000	
Psittacosis Rocky Mountain spotted fever	5/20	1=	0.03	(A)	0.25	8	0.23	B	000	756	0.21	88	0.25	8-	000	40
Rubella Salmonellosis	40,596	5,163	135.44)	6,682	(44.27)	4,963	12.59	3,472	1000	2000	9.12	6280	7.72	350	(10.37)	2591
Shigellosis Strengococcal disease	17,521	370	9.71)	4,000/	(30.92)	4,619	(11.72)	1,620	3.20)	1000	0000	2000	1 4 4 6 1	100	1 2 6.61	*
invasive, group A	2,382	102	3.49)	142	(1.23)	184	(0.81)	130	(0.46)	330	(0.73)	75	(61.13)	00/	(	
Streptococcus pneumoniae, drug-resistant, invasive	4,618	715 (	26.81)	1,232	(11.66)	153	(0.56)	88	(98.0)	363	( 0.87)	878	(1.56)	1,062	(4.38)	120
Streptococcal	19	1	ī	1	1	01	(0.03)	0	(0.05)	15	(0.03)	8	(0.04)	7	(0.03)	1
Syphilis Primary and secondary	6.650	NA	N.	Z	(AN)	NA	(NA)	1,410	(3.74)	3,239	5.36)	1,793	( 2.20)	Za	0.21	17
Tetanus Toxio-shock syndrome	811	10	0.06	-0	000	17	000	ოტ	900	416,	000	78.	000	naoe	000	
Trichinosis	20000	18	100	100	328	1007	111	1516	4001	4.388	7.27	6.562	80.00	4,008	11.67	m
Tuberculosis** Typhoid fever	28	8-	0.03	34	0:30	- F	0.19	38	0.19	88	0.15)	2	000	12	0.03	-1
Yellow ever	-	1	1	- deliger	100000000000000000000000000000000000000	ad in 1996										1

No classes of anthrax, paralytic pollorityelitis, or human rables were reported in 1999.

Total number of against additional classes reported to the Division of HIV/AIDS Prevention—Surveillance and Epidemiology, National Center for HIV, STD, and TB Pollarity discreted in the Chicary Ch

TABLE 4. Reported cases and incidence rates of notifiable diseases,\* by sex, United States, 1999

		;				Sex	
Disease	Total	No.	(Rate)	No. (F	(Rate)	stated	
AIDS.	45 104	34530	( 25.95)	10.572	( 7.59)	1	
Botulism, foodborne		12	(0.01)	13	(0.01)	1	
Infant	88	2	(1.15)	18	(1.23)	es	
Other (includes wound)	88	98	(0.05)	13	(0.01)	1	
Brucellosis	20 5	88	0.04)	N.	0.02)	1.	
Chancroid	145 AND	NAN	(A)	E34.812	(400.04)	2 221	
Cholera	9	4	(0.00)	2	(000)	-	
Cryptosporidiosis	2,361	1,419	(1.13)	000	(17.0)	12	
Cyclosporiasis	88.	a.	(0.02)	22	( 0.02)	1	
Chalchiosis human prepulocutio	ams.	- 213	0.00	18	000	1 1	
Human monocytic	3 8	280	(0.07)	88	0.03)	1	
Encephalitis, California serogroup viral	2	8	(0.04)	121	(0.02)	1	
Eastern equine	សា។	m	0.00)	13	(0.00)	1	
Western equipe	*-	*	0000		11	i	
Escherichia coli 0157:H7	4,513	2,063	1.65)	2,329	(1.79)	131	
Gonorrhea	360,076	179,564	(134.92)	179,534	(128.94)	878	
Maemophilus influenzae,	* 2000			****	1000		
Invasive disease	908	0 4	0.40)	200	0.43)	20	
Hantavirus pulmonary syndrome **	88	38	0.02)	13	(0.01)	1 1	
Hemolytic uremic syndrome, postdiarrheal	181	32	(0.07)	106	(60.0)	2	
Hepatitis A	17,047	10,286	( 7.73)	6,6653	(4.78)	90	
Hepatitis B	7,694	4,532	3.47)	3,085	2.22)	19	
Lacionallogie	1,108	988	0.51	6/1/1	0.00	2 =	
Lymedisease	16,273	8.511	(6.42)	7,715	( 5.56)	47	
Malaria	1,666	1,063	(0.80)	570	(0.41)	S	
Measies	100	98	(0.03)	3	0.04)	12	
Meningococcal disease	2,501	1,223	0.92)	100	0.30)	a a	
Pertussis (whooping cough)	7.288	3341	(2.51)	1831	(2.82)	200	
Plague	6	4	(0000)	2	(00.00)	1	
Psittacosis	36	0	(000)	1	(0.01)		
Rocky Mountain spotted fever	578	331	0.25)	240	0.18)	m (m	
Salmonellosis	40.596	17.310	(13.01)	18.477	(13.27)	4.809	
Shigellosis	17,521	6,793	( 6.10)	8,082	( 5.80)	2,646	
Streptococcal disease,							
invasive, group A	2,382	1,199	(1.16)	1,097	(1.01)	98	
Streptococcus pneumoniae, drug-resistant, invasive disease	4.618	2 288	( 2.47)	1,985	( 2.05)	346	
Streptococcal toxic-shock syndrome	19	27	(0.03)	8	(0.03)	1	
Syphilis, primary and secondary	6,867	3,856	(2.90)	2,796	( 2.01)	is .	
Tetanus	Q.	RI	(0.02)	= 8	(0.01)	1	
Toxic-shock syndrome	ELL	Q S	0.02)	36	(000	1 1	
Tuberculosis"	17.531	10.948	8.23)	6.582	( 4.73)	-	
Typhoid fever	346	159	(0.12)	180	(0.13)	1	
Yellowfever	-	-	(00'0	1	(	-	1

\* No cases of anthrax, paralytic pollomyelitis, or human rabies were reported in 1999.

\*\*Ino cases of anthrax, paralytic pollomyelitis, or human rabies were reported in 1999.

\*\*Index non-continuous and the properties of the paralytic properties of the paralytic pollomyelity. The paralytic para

TABLE 5. Reported cases and incidence rates of notifiable diseases,\* by race, United States, 1999

		Ame	American Indian or	Asi	Asian or						Race
Disease	Total	No.	Alaska Native No. (Rate)	Pacific No.	Pacific Islander No. (Rate)	No.	Black (Rate)	No.	White (Rate)	Other	not stated
AIDS:	45,104	178	( 7.42)	361	(3.34)	21,877	( 62.75)	14,805	( 6.59)	1-	7,8831
Infant, codocing	181	4-	(2.35)	wen	(1.65)	2	(0.35)	25	(1.78)	- 1	-81
Other (includes wound)	98	11		11		e	(0.01)	70	0.01	1"	927
Chlamydia**	666,336	8,746	(364.81)	0,121	(84.29)	228,126	(654.37)	136,861	(80.94)	-1	272,461
Cholera	2361	1 10	0.26	35	0.02)	280	0.00	1312	( - )	10	73.3
Cyclosporiasis	8	, 1		-	(0.01)	9	0.02)	a a	(0.05)	2	15
Diphtheria		1		I	-	1			(0000)	1	1
Human granulocytic	203	m	( 0.21)	2	(0.05)	1		134	(0.08)	I	3
Human monocytic Encephalitis California serogroup viral	RR	100	0.14)	11	11	0-	0.02)	88	0.00	11	Ma
Eastern equine	, CO •	1	-	1	1	-	(00.0	4.	0.00	1	1
St. Louis Western equine	4-	11	11	11	11	11	11	4	0.00)	11	1-
Escherichia coli 0157:H7	4,513	01.	0.43)	R	(0.31)	6	(0.29)	2,265	(1.08)	9	2,102
Gonormea*** Maemoohilus influenzae, invasive disease	1309	33	1.38)	7,002	(15.36)	179	(632.72)	787	(18.21)	1-	100,084
Hansen disease (leprosy)	108	11		2	(0.25)	0	0.03)	R	(0.01)	1	184
Mantavirus pulmonary syndrome		4	0.7	-01	0.00	00	003	R <sub>Z</sub>	0.00	1-	18
Hepatitis A		177	(7.38)	279	(2.58)	1,915	5.49)	9,246	(4.12)	881	5,372
Hepatitis C: non-A. non-B	3,111	84	0.17)	24	(0.04)	1,540	0.12)	3,075	0.06	81	2,535
Legionellosis	1,108	O.	0.09	08	(0.06)	117	0.34)	737	(0.34)	00 (	
Malaria	1,686	J.	0.13	96	0.00	300	2.03)	403	0.18)	RR	3,452
Measles Meningococcal disease	2.501	27	0.04)	58	0.14)	372	0.03)	15.47	(0.03)	0.0	11
Mumps	387	a	(0.41)	18	(0.24)	8	(60.0	191	(60.0)	m	126
Pertussis (whooping cough)	7,288	8°	(5.29)	90	1.01	387	1.14)	5,003	(5.23)	33	1,687
Psittacosis	16	1		1	1	1	(000)	11	(0.01)	1	4
Rocky Mountain spotted fever Rubella	263	on j	0.39)	mm	0.03)	E 65	60.00	194	0.20	11	88
Rubella, congenital syndrome	6	100	1	0	0.01)	18			00:00		4
Shigellosis	17,521	220	9.18)	143	132)	2,417	(5.04)	7333	3.26)	35	16,369
Streptococcal disease, invasive, group A	2,382	8	3.57)	2	(0.41)	330	(1,17)	1,364	(0.78)	2	683
drug-resistant, invasive disease	4,618	11	(69.0)	25	(0.29)	188	( 2.48)	1,736	(1.11)	9	2,260
Streptococcal toxic-shock syndrome	19	1	- 1	1	-	00	( 0 03)	8	( 0 03)	-	ıc
Syphilis, primary and secondary**	6,650	25	(2.25)	4,	0.38)	4,854	(1 3.92)	1,008	0.45)	1	6931
Toxic-shock syndrome	113	11		- w	0.06	າຕ	0.00	85	0.05)	11	7
Trichinosis	17 521	1 500	10 55	2020	100 000	E page	0.000	0102	0.000	1	-8
Typhoid fever	346	81	10.30	88	(0.91)	38	0.05)	288	0.03)	表	9 <u>\$</u>
Yellow fever	1	1	( )	1	1	1	1		(00.0)	1	1

Locases of anthrax, paralytic poliomyelitis, or human rabigs were reported in 1999.

Ideal number of eguptied immunodeficianty sydrome AIDS: cases reported to the Division of HIV/AIDS Prevention—Surveillance and Epidemiology, National Center for HIV, STD, and TB prevention (NCHSTP), through December 31, 1999.

Includes the following cases of opiginally reported as Hispanian: 7,764 for AIDS: 181,708 for chamyelian and the cases of the caused by C. Includes the following cases of opiginally reported caused by C. Includes the communications System for Surveillance (NETSS), some data concerning ethnicity are collected on aggregate forms. Chamyelian collected in the total number of cases reported or the National Center for Infectious and Tuberculos System for Savaily framamitted or the National Center for Infectious Diseases as of June 30, 2000.

Notes reported to the Division of Tuberculosias Elimination, NCHSTP, as of May 3, 2000.

TABLE 6. Reported cases and incidence rates of notifiable diseases,\* by ethnicity, United States, 1999

		Hisc	Hispanic	Mon-H	Non-Hispanic	Ethnicity	1
Disease	Total	No.	(Rate)	No.	(Rate)	not stated	
AIDE	AE 104	7 764	197 10 1	288 687	1 16 301	GER	1
	40,104	5011	(0,00)	200'00	10.50	999	
Botulism, toodborne	57		0.00)	20	(10.0)	4	
Infant	8	92	(2.22)	8	(1.48)	8	
Other (includes wound)	98	13	(0.04)	19	(0.01)	7	
Brucellosis	88	47	(0.15)	14	(0.01)	23	
ChlamydiaM	ASS 225	R1 708	(DEC) 741	365 DO7	(181 22)	208 620	
Cholera	9	8	1	100/000	1000	Continue	
Cholera	2000	900	1000	4 4 4 4	000	9000	
Cryptosporidiosis	7,301	200	0.00	401.	0.01	996	
Cyclosporiasis	88	2	(0.05)	R	(0.01)	B	
Diphtheria	-	-	î	-	(00.00)	1	
Fhrlichiosis							
	2000	c	1000	9.49	1000	8	
numan granulocytic	SUS	20	0.01	1	0.00	BI	
Human monocytic	3	7	(10.0)	/9	(0.04)	R	
Encephalitis, California serogroup viral	2	-	î -	38	(0.05)	N.	
Factors action	u			2	000	0	
Casternoduna	2 4			2 *	2000	ú	
of. Louis	4	1	1	4	0.00)	1.	
Western equine	-	1	Î	1	(00.0)		
Escherichia coli 0157:H7	4.513	110	(0.36)	1,788	(0.80)	2.615	
Gonorrhea®	359.442	17.170	(54.79)	261.477	(108.34)	80,795	
Manmonhille influences invasive discount	1 200	00	1000	GAS	1000	671	
naemoprinus minenzae, mvasive disease	200	88	0.53)	0 9	0.67	100	
Hansen disease (leprosy)	108	23	(0.11)	3	(0.05)	9:	
Hantavirus pulmonary syndrome**	33	2	(10.0)	PD.	(0.01)	90	
Hemolytic uremic syndrome, postdiarrheal	181	18	(90.0	117	(90.0	46	
Hopatitie A	17 047	2 040	12 60)	7 243	300	6,965	
	1,000	000	2000	2000	200	2024	
HepatitisB	100	083	(17.7)	4,030	1.0/1	787	
Hepatitis C; non-A, non-B	3,111	23	(70.0)	111	(90.0)	182	
Legionellosis	1,108	163	(80.0)	591	(0.25)	482	
Lymedisease	16,273	181	(0.58)	7,613	(3.17)	8,479	
Malaria	1.666	188	(09.0)	916	(0.38)	562	
Mension	100	11	0 0 0	84	0 033	in the same of the	
Manipopopolaldisassa	2501	227	1070	1 384	(0.67)	980	
	COC	H	0.00	101	1000	131	
Widnips	1000	Day of	0.50	101	0000	121	
Fertussis (whooping cough)	997'/	g 's	(2.38)	4,700	1.98)	1,000	
Plague	37	_	(000)	1	(000)		
Psittacosis	16	1	Î	7	(00.0)	o	
Rocky Mountain spotted fever	579	7	(0.05)	378	(0.16)	194	
Rubelia	267	183	1 0.58)	8	(0.05)	33	
Rubella, congenital syndrome	di	7	(0.05)	1	1	2	
Salmonellosis	AD FOR	2.000	1 7 97)	15,694	( R RO)	22.414	
Chicalogic	47.534	2,000	10.0	2,000	00.00	0000	
Singeliosis	170/1	2,330	000	0,101	(00.7	0,342	
Streptococcal disease, invasive, group A	2,382	187	(00.1	1,135	(69.0)	090	
Streptococcus pneumoniae, drug-resistant, invasive	4,618	152	(0.57)	1,636	1.00)	2,830	
Streptococcal toxic-shock syndrome	61	-	(10.01)	R	(0.05)	21	
Syphilis, primary and secondary	6.650	527	(1.68)	5,862	(2.43)	261	
Tetanus	40	M	0.04)	2	(10.0)	4	
Toxic-shock syndrome	113	9	(0.05)	8	(0.03)	8	
Trichinosis	12	-	(000)	30	(000)	-	
Tuberculosis <sup>17</sup>	17.531	3.875	(12.37)	13.621	5 64)	35	
Typhoid fever	346	9	(0.22)	130	(0.05)	147	
Yellow fever		1	1	-	(000)	1	
TO A DE LA COLLON					N. N. S. S. S.		ı

In ocases of anthrax, paralytic poliomyelitis, or human rabies were reported in 1999.

Local number of acquired minutodiation by wighous (ADS), cases reported in 1999.

Colan number of acquired minutodiation by wighous (ADS), cases reported in the Division of HIV/AIDS Prevention—Surveillance and Childhous and Childhous (ADS), about a state concerning the action of also collected in though the Algorithm (Eds.), about a data collected in though the National Estruction Resonant munications system for Surveillance (RETSS), about data collected on aggregate forms different from those used for reported cases. Thus, the total number of regies reported on this table and first papered to the National Capter for Infections to Essenses and California (ADSTP, as of August 8, 2000.

\*\*Colas peopred to the Division of Liberatorians (Elimination, NCHSTP, as of May 3, 2000.

\*\*Note: Reasonant and the Division of Liberatorians (Elimination, NCHSTP, as of May 3, 2000.

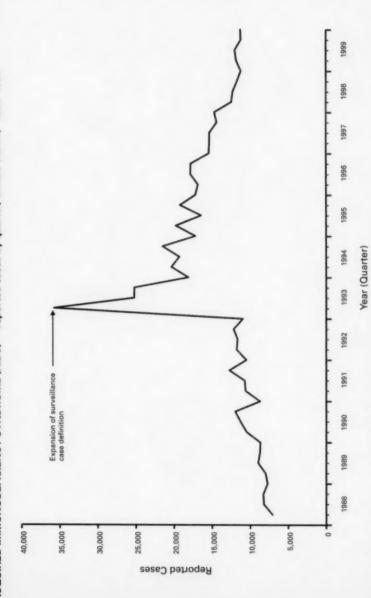
# PART 2

Graphs and Maps for Selected Notifiable Diseases in the United States

## EXPLANATION OF SYMBOLS USED IN GRAPHS AND MAPS

Data not available N	A
Report of disease is not required in that jurisdiction (not notifiable) N	N
Commonwealth of Northern Mariana Islands C.N.M	.1.
Puerto RicoP!	R.
U.S. Virgin Islands	.1.

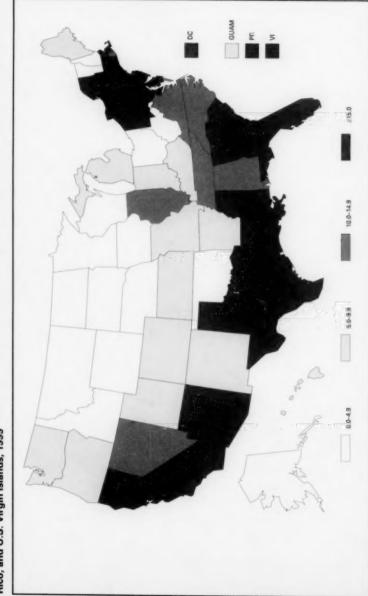
ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) — reported cases by quarter, United States,\* 1988–1999



\*Includes Guam, Puerto Rico, the U.S. Pacific Islands, and the U.S. Virgin Islands.

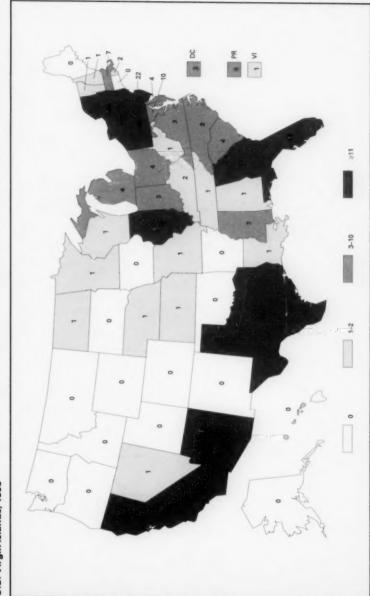
Total number of AIDS cases includes all cases reported to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention, as of December 31, 1999. Total includes cases among residents in U.S. territories and 104 cases among persons with unknown state of residence.

ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) — reported cases per 100,000 population, United States, Guam, Puerto Rico, and U.S. Virgin Islands, 1999



Total number or AIDS cases includes all cases reported to the Division of HIV/AIDS Prevention -- Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention, as of December 31, 1999. Total includes cases among residents in U.S. territories and 104 cases among persons with unknown state of residence.

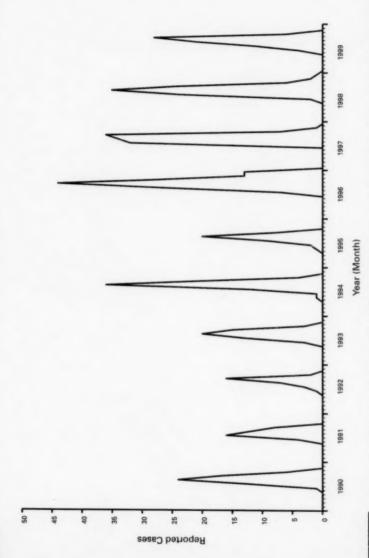
ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) — reported pediatric cases,\* United States, Puerto Rico, and U.S. Virgin Islands, 1999



\*Children and adolescents aged <13 years.

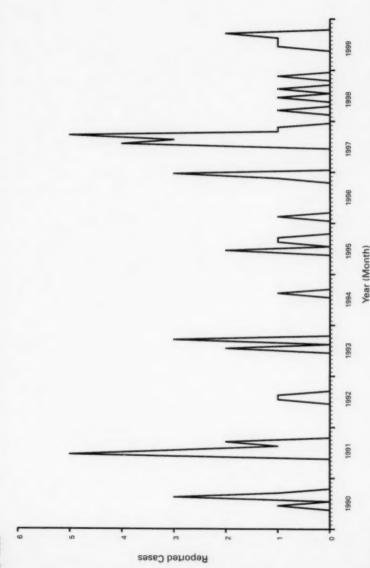
Trends in AIDS incidence among children continued to decrease with the success of efforts to reduce perinatal (i.e., mother-to-child) human immunodefliciency virus (HIV) transmission. Although the number of perinatally acquired AIDS cases declined 43% during 1992–1996, new cases continue to occur disproportionally among young children from racial/ethnic minority populations.

ARBOVIRAL ENCEPHALITIS — reported cases caused by California serogroup viruses by month of onset, United States, 1990-1999



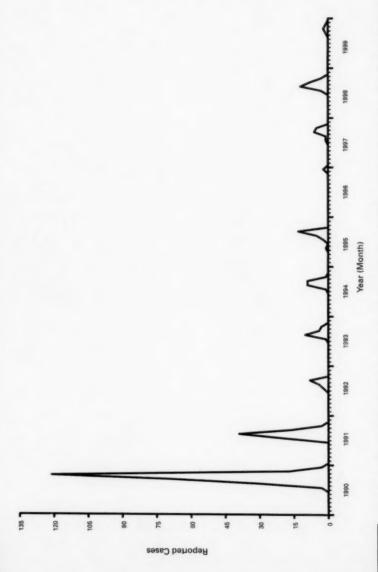
California serogroup viruses (mainly LeCrosse virus in the eastern United States, where the eastern treehole mosquito, Aedes triseriatus, is the primary vector) are an endemic cause of encephalitis, especially among children. In 1999, a total of 70 cases was reported from nine states. During 1964–1999, a median of 66 (average: 74) cases was reported each year.

ARBOVIRAL ENCEPHALITIS — reported cases caused by eastern equine encephalitis virus by month of onset, United States, 1990-1999



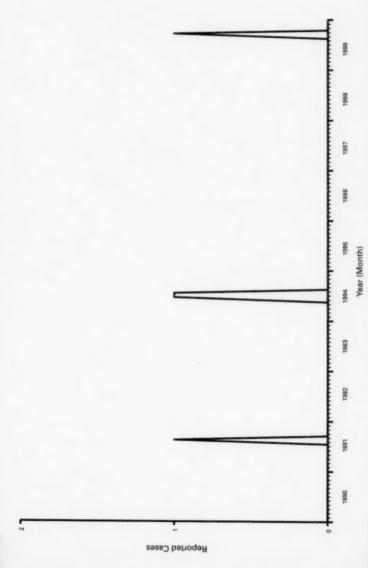
Cases of eastern equine encephalitis among humans, often associated with high mortality rates (i.e., >20%) and severe neurologic sequelae, occur sporadically in the eastern United States. In 1999, five cases were reported from two states. During 1964–1999, a median of four (average: five) cases was reported each year.

ARBOVIRAL ENCEPHALITIS — reported cases caused by St. Louis encephalitis virus by month of onset, United States, 1990-1999



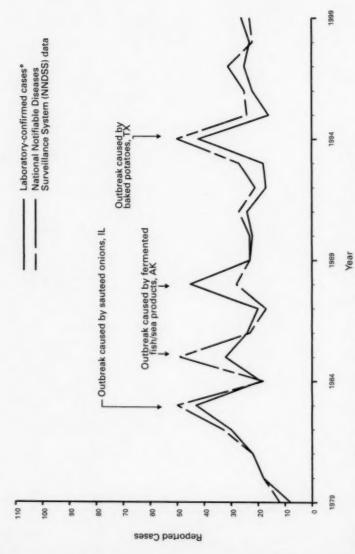
St. Louis encephalitis virus is the main cause of epidemic viral encephalitis in the United States. In 1999, four cases were reported, all from Florida. During 1964-1999, a median of 26 (average: 124) cases was reported each year.

ARBOVIRAL ENCEPHALITIS — reported cases caused by western equine encephalitis virus by month of onset, United States, 1990-1999



The most recent epidemic of western equine encephalitis occurred in Colorado in 1987. Reasons for the recent absence of epidemic transmission are not fully understood. The first nationally reported case since 1994 was reported from Minnesota in 1999. During 1964–1999, a median of three (average: 18) cases was reported each year.

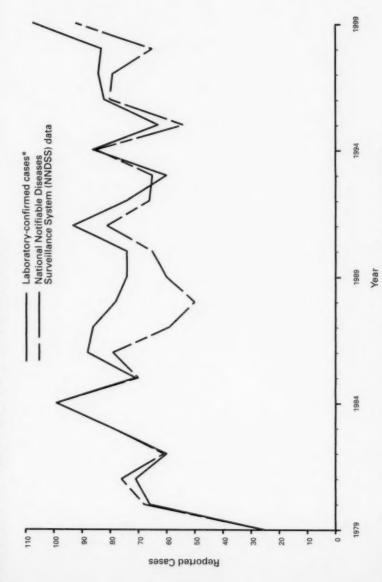




\*Data from annual survey of State Epidemiologists and Directors of State Public Health Laboratories.

Foodborne botulism is a rare but potentially fatal disease. Every case of botulism must be treated as a public health emergency, and the contaminated food vehicle and all exposed persons must be identified.

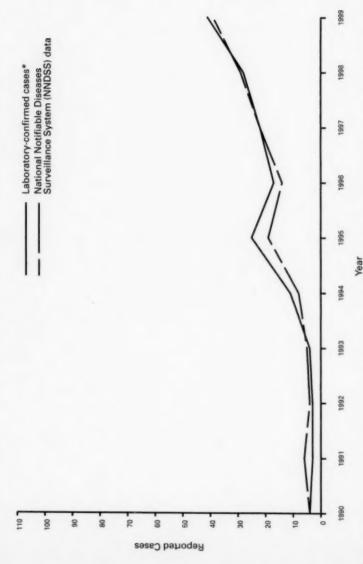
BOTULISM (infant) — reported cases by year, United States, 1979-1999



\*Data from annual survey of State Epidemiologists and Directors of State Public Health Laboratories.

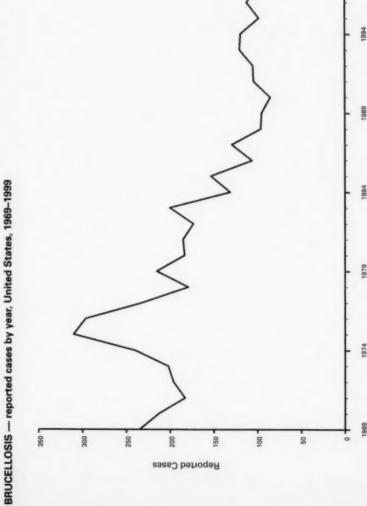
Infant botulism is the most common cause of botulism in the United States. Cases are sporadic, and risk factors remain largely unknown.

BOTULISM, OTHER (includes wound and unspecified) — reported cases by year, United States, 1990–1999



\*Data from annual survey of State Epidemiologists and Directors of State Public Health Laboratories. Data for wound botulism only.

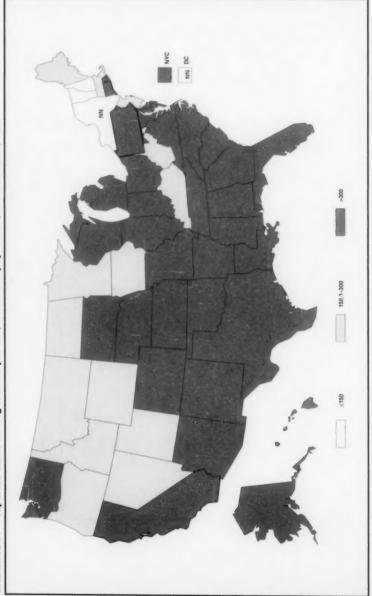
Wound botulism has increased sharply during the past decade and is now the leading cause of adult botulism in the United States.



public health programs, has nearly eliminated the risk for brucellosis among U.S. residents. However, the disease remains a threat for travelers and foreign nationals who consume unpasteurized milk products and for lab workers exposed to Brucella species. In 1999, Brucella abortus was nearly eliminated from U.S. cattle after a brucellosis control program. The control of B. abortus among cattle, combined with other

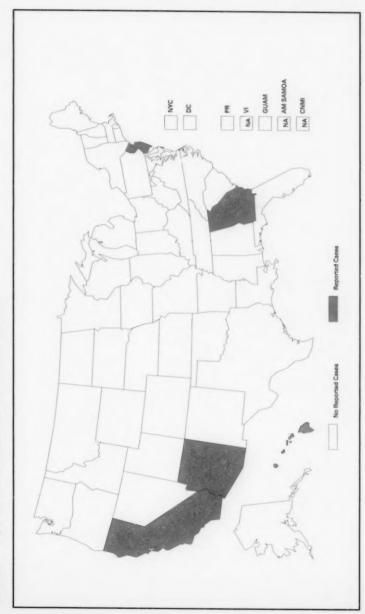
Year





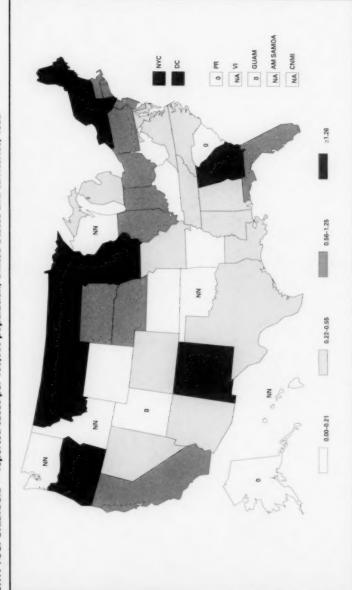
Chlamydia refers to genital infections caused by Chlamydia trachomatis. In 1999, the chlamydia rate among women was 400.99 cases/100,000 population. Rates for men are not presented because reporting for men is limited.

CHOLERA — reported cases, United States and territories, 1999



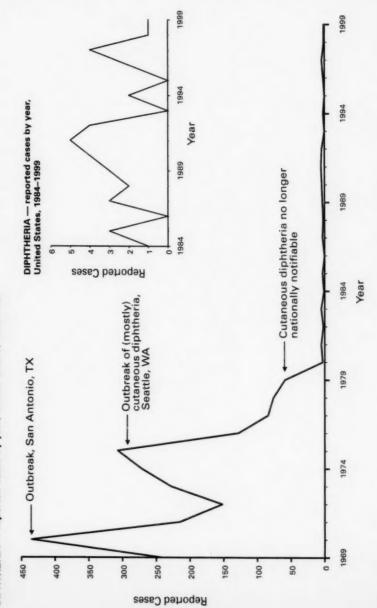
Although cholera has been primarily a disease of travelers to Latin America, Asia, and Africa in recent years, cases are occasionally acquired in the United States from contaminated seafood.

CRYPTOSPORIDIOSIS — reported cases per 100,000 population, United States and territories, 1999



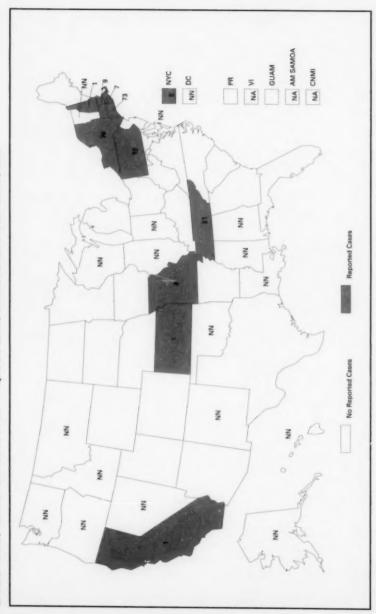
In 1999, Cryptosporidium infection was geographically widespread. Waterborne (i.e., from drinking or recreational water) and foodborne outbreaks were reported from Florida, Massachusetts, Minnesota, and Wisconsin. Cases primarily occur in the late summer and early fall and are most prevalent among children aged 1-9 years and adults aged 30-49 years. Case detection and reporting rates can be higher in states that participate in CDC's FoodNet or Emerging Infectious Diseases Program. States participating in 1999 included California, Connecticut, Georgia, Maryland, Minnesota, New York, and Oregon.

DIPHTHERIA — reported cases by year, United States, 1969-1999



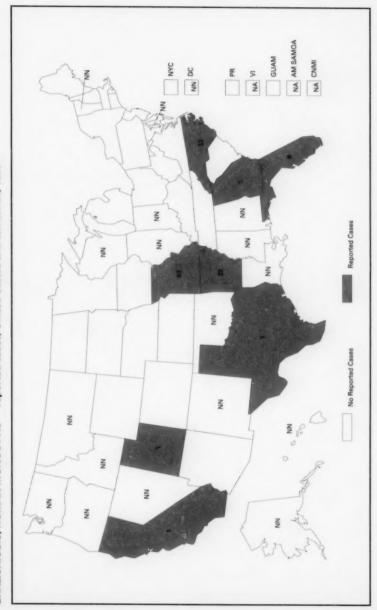
Respiratory diphtheria continues to be rare in the United States. In 1999, only one case of clinical diphtheria associated with a toxigenic strain of Corynebacterium ulcerans was reported.

EHRLICHIOSIS, HUMAN GRANULOCYTIC — reported cases, United States and territories, 1999



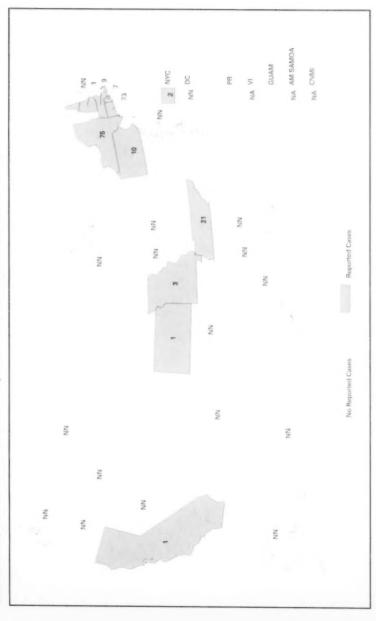
Human ehrlichiosis is an emerging infectious disease that became nationally notifiable in 1999. Identification and reporting of human ehrlichiosis are incomplete, and the number of cases reported here do not represent the overall distribution or regional prevalence of disease.

EHRLICHIOSIS, HUMAN MONOCYTIC — reported cases, United States and territories, 1999



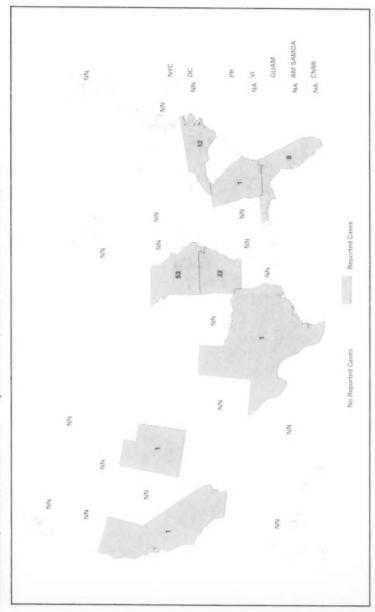
Human ehrlichiosis is an emerging infectious disease that became nationally notifiable in 1999. Identification and reporting of human ehrlichicsis is incomplete, and the number of cases reported here do not represent the overall distribution or regional prevalence of disease.

EHRLICHIOSIS, HUMAN GRANULOCYTIC — reported cases, United States and territories, 1999



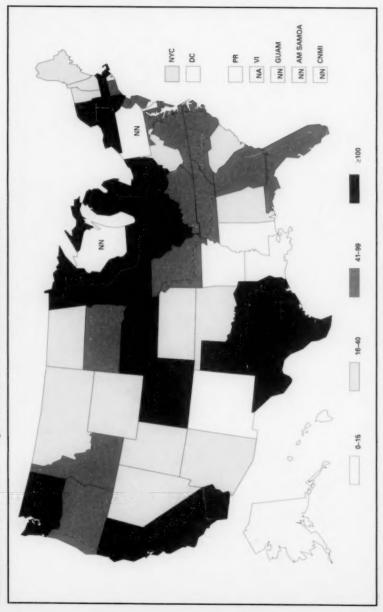
Human ehrlichiosis is an emerging infectious disease that became nationally notifiable in 1999. Identification and reporting of human ehrlichiosis are incomplete, and the number of cases reported here do not represent the overall distribution or regional prevalence of disease.

EHRLICHIOSIS, HUMAN MONOCYTIC — reported cases, United States and territories, 1999



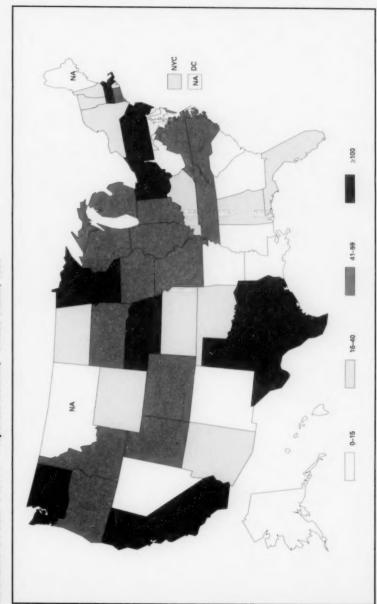
Human ehrlichiosis is an emerging infectious disease that became nationally notifiable in 1999. Identification and reporting of human ehrlichiosis is incomplete, and the number of cases reported here do not represent the overall distribution or regional prevalence of disease.

ESCHERICHIA COLI 0157:H7 - reported cases, United States and territories, 1999



The number of states in which Escherichia coli 0157:H7 infection is a notifiable disease increased to 48 in 1999. However, because <60% of clinical laboratories routinely test all stool specimens — or even all bloody stool specimens — for E. coli 0157:H7, many infections are not recognized or reported.

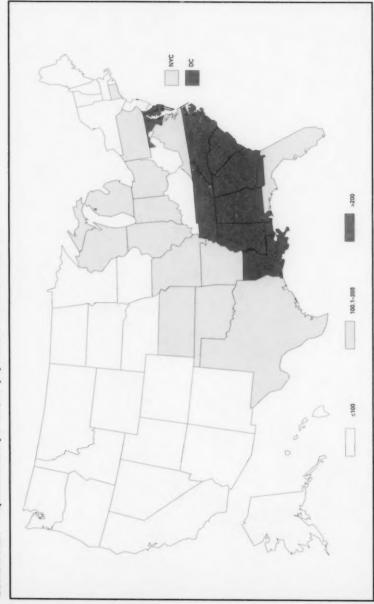
ESCHERICHIA COLI 0157:H7 — reported isolates,\* United States, 1999



\*Data from the Public Health Laboratory Information System (PHLIS).

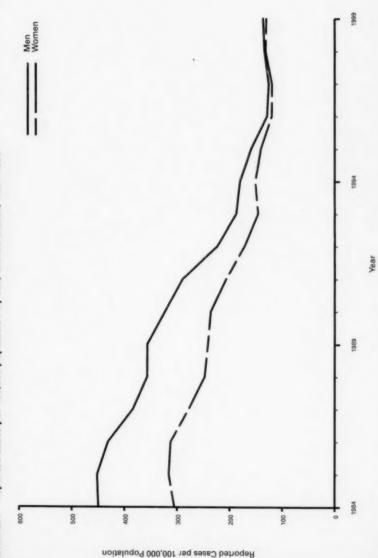
Only Escherichia coli O157:H7 isolates confirmed by a state public health laboratory are reported to the Public Health Laboratory Information System (PHLIS). Many public health laboratories can subtype isolates using pulsed-field gel electrophoresis and compare their findings electronically with other states through PulseNet. a national network of public health laboratories.

GONORRHEA — reported cases per 100,000 population, United States, 1999



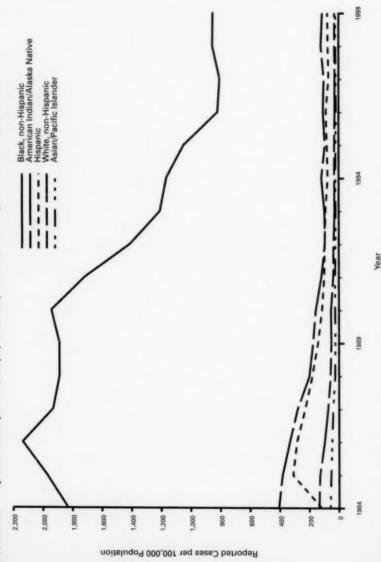
In 1999, the overall U.S. rate of gonorrhea was 133.2 cases/100,000 population. Twenty-six states reported gonorrhea rates below the revised Healthy People 2000 national objective of ≤100 cases/100,000 population.

GONORRHEA — reported cases per 100,000 population by sex, United States, 1984-1999



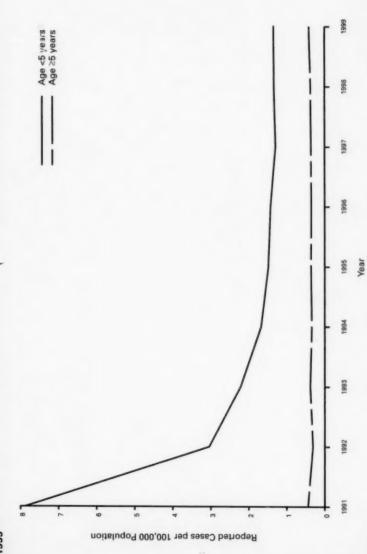
In 1999, the overall U.S. rate of gonorrhea was 133.2 cases/100,000 population, a 1.2% increase from 1998 (131.6). Among men, the rate increased from 132.7 in 1998 to 129.9 in 1999. Among women, the rate decreased only slightly from 130.0 in 1998 to 129.9 in 1999 (Division of Sexually Transmitted Diseases Prevention, National Center for HIV, STD, and TB Prevention).

GONORRHEA — reported cases per 100,000 population by race and ethnicity, United States, 1984-1999



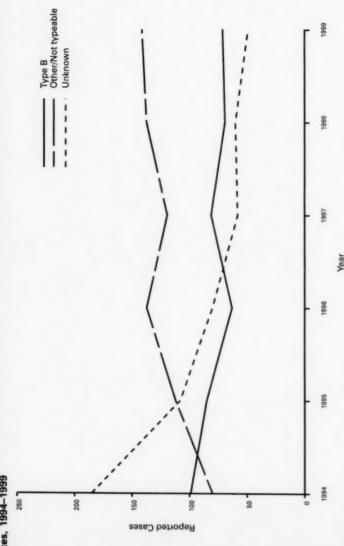
In 1999, gonorrhea rates decreased among non-Hispanic whites, non-Hispanic blacks, and American Indian/Alaska Natives, but increased among Hispanics and Asian/ Pacific Islanders.

HAEMOPHILUS INFLUENZAE, INVASIVE DISEASE — reported cases per 100,000 population by age group. United States, 1991-1999



Before the introduction of a Haemophilus influenzae type b (Hib) vaccine in December 1987, the incidence of Hib invasive disease among children aged <5 years was approximately 100 cases/100,000 population. In 1999, a total of 266 cases of all serotypes of H. influenzae invasive disease among children aged <5 years was reported (incidence: 1.2/100,000 children), with 72 (27%) cases caused by Hib (National Immunization Program).

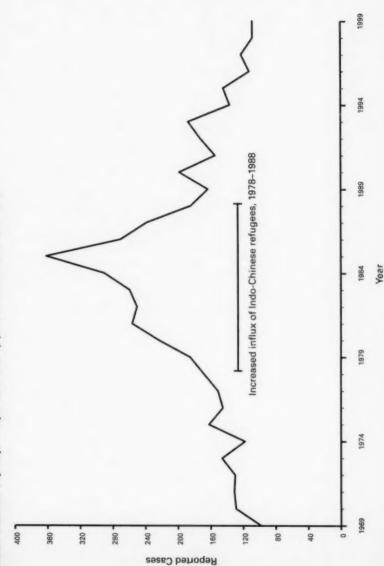
HAEMOPHILUS INFLUENZAE, INVASIVE DISEASE — reported cases by year and serotype among children <5 years,\* United States, 1994-1999



\*Data from National Immunization Program.

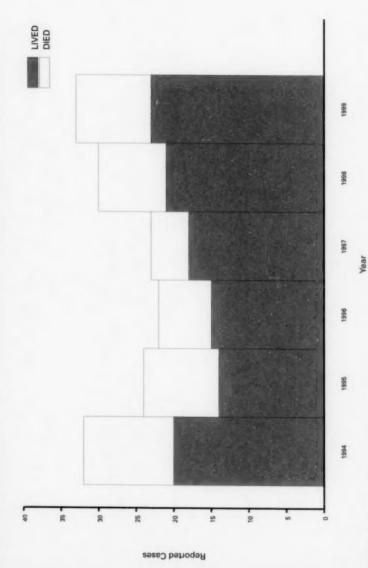
In 1999, serotype information was reported for 81% of 266 Haemophilus influenzae (Hi) invasive disease cases among children aged <5 years, compared with 41% Because slide agglutination serotyping results can be misinterpreted (e.g., non-typeable Hi isolates reported as Hib), CDC is evaluating the use of both slide of 340 cases reported in 1994 (National Immunization Program). Serotype information is needed to monitor progress toward H. influenzae type b (Hib) elimination. agglutination and polymerase chain reaction testing to better assess Hib cases.

HANSEN DISEASE (leprosy) — reported cases by year, United States, 1969-1999



In 1999, a total of 108 cases of Hansen disease was reported in the United States. The number of cases peaked at 361 in 1985, and since 1988, has remained relatively stable.

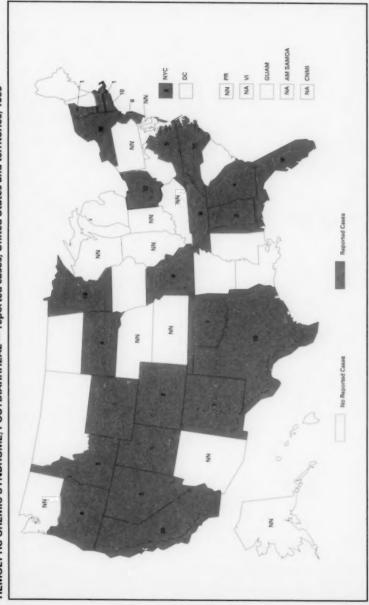
HANTAVIRUS PULMONARY SYNDROME — reported cases by survival status, \* by year, United States, 1994-1999



\*Data from National Center for Infectious Diseases.

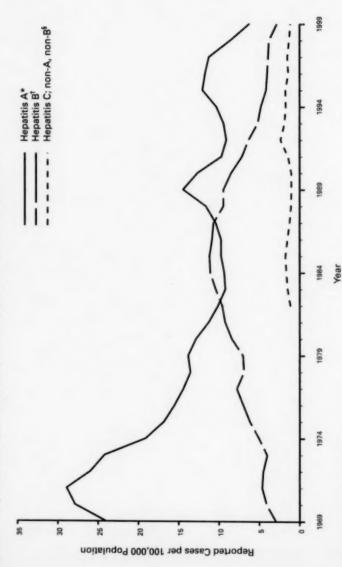
In 1999, hantavirus pulmonary syndrome cases were reported from 14 states. Most cases occur in the western United States, but Indiana and Pennsylvania also reported cases in 1999. California, Pennsylvania, and Washington reported substantial increases in cases since 1998.

HEMOLYTIC UREMIC SYNDROME, POSTDIARRHEAL — reported cases, United States and territories, 1999



In the United States, most cases of postdiarrheal hemolytic uremic syndrome are caused by infection with Escherichia coli 0157:H7 or other E. coli bacteria that produce Shiga toxin.

HEPATITIS — reported cases per 100,000 population by year, United States, 1969–1999



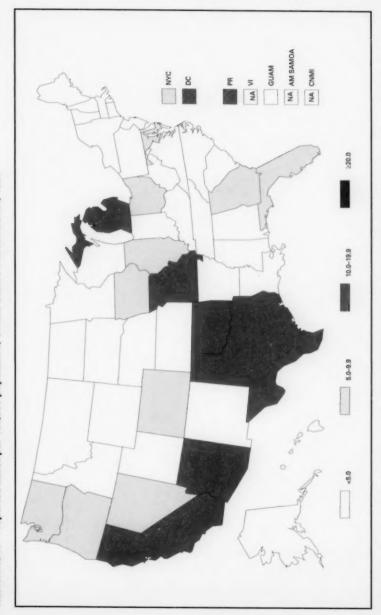
\*Hepatitis A vaccine was first licensed in 1995.

Hepatitis B vaccine was first licensed in 1982.

An anti-HCV (hepatitis C virus) antibody test first became available in 1990.

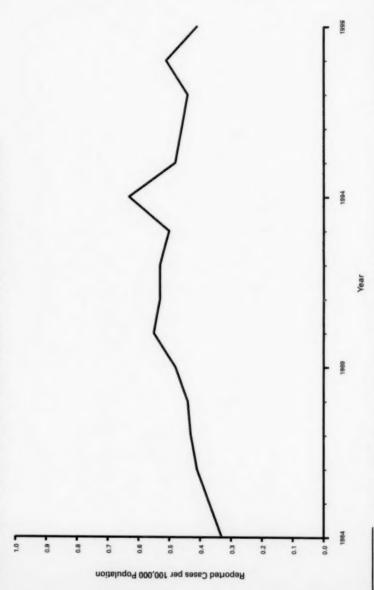
In 1999, the hepatitis A rate was the lowest ever recorded, but cyclic increases are observed approximately every 10 years. Hepatitis B incidence continues to decline, but asymptomatic infections and underreporting mean that reported cases represent only a fraction of actual infections (i.e., approximately 185,000 new infections annually during 1995–1998). The trend in reported hepatitis C (non-A, non-B) cases after 1990 is misleading because reported cases included those based only on a positive lab test for anti-HCV, most of which represent chronic HCV infection.

HEPATITIS A — reported cases per 100,000 population, United States and territories, 1999



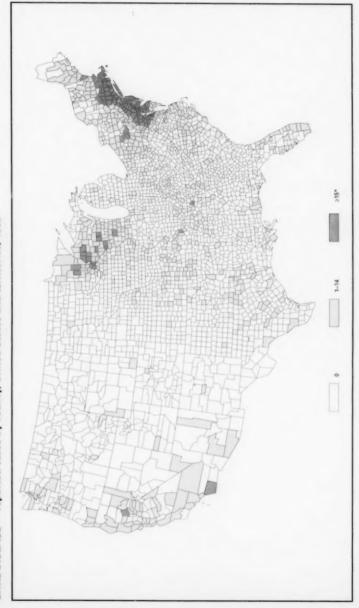
As in previous years, the hepatitis A rate was higher in the western United States than other regions. In states with consistently elevated hepatitis A virus (HAV) infection rates, widespread routine vaccination of children is needed to prevent and control HAV transmission.

LEGIONELLOSIS — reported cases per 100,000 population by year, United States, 1984-1999



In 1999, the overall reported rate of legionellosis, also called Legionnaires' disease, was 0.41 cases/100,000 population. However, data from population-based studies indicate that the actual rate is approximately 10 times higher.

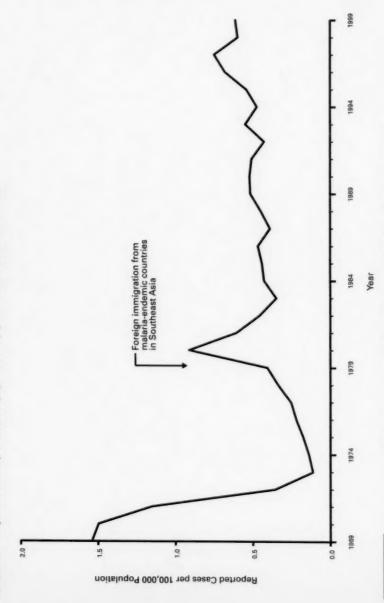
LYME DISEASE — reported cases by county, United States and territories, 1999



\*The total number of cases from these counties represented 90% of all cases reported in 1999.

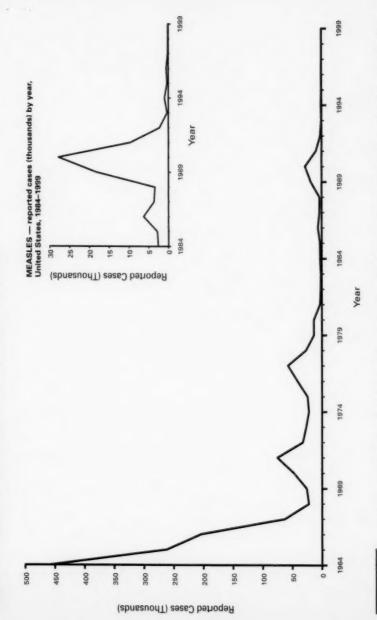
By integrating prevention strategies into community-based programs, CDC and state health departments hope to achieve the Healthy People 2010 goal of reducing the incidence of Lyme disease to 9.7 cases/100,000 population in endemic states.

MALARIA — reported cases per 100,000 population by year, United States, 1969-1999



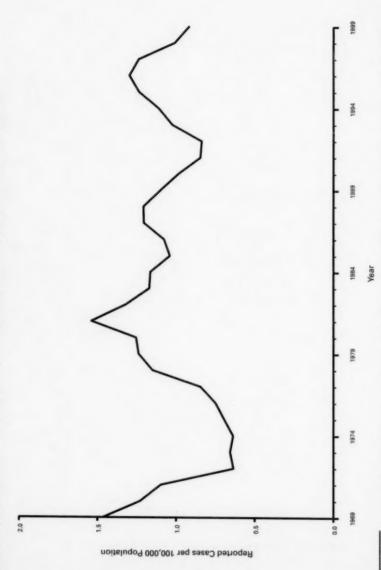
Imported malaria cases have increased during the past 15 years, likely because of increased international travel and immigration.

MEASLES — reported cases (thousands) by year, United States, 1964-1999



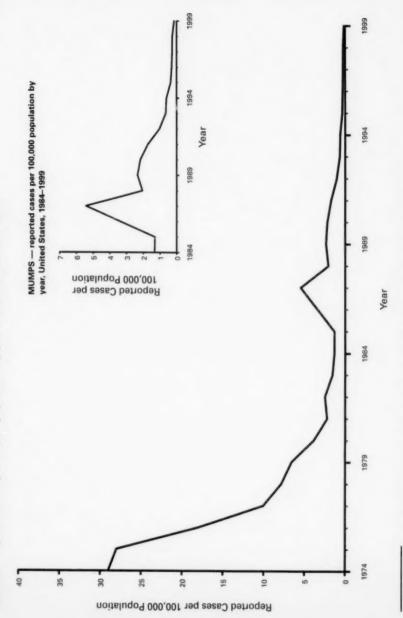
Measles incidence remained at <1 case/1,000,000 population for the third consecutive year, with 100 cases reported in 1999. Of these cases, 66% were imported from outside the United States. Measles is not currently endemic in this country.

MENINGOCOCCAL DISEASE — reported cases per 100,000 population by year, United States, 1969-1999



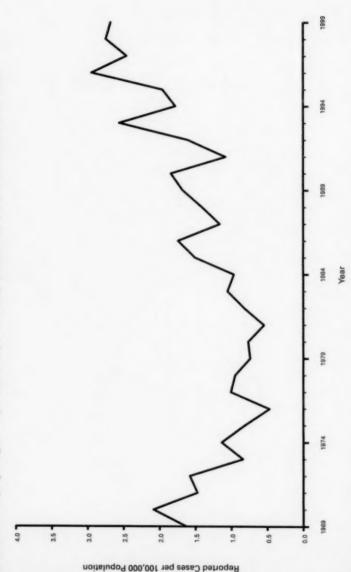
Meningococcal disease rates have remained stable since the 1960s, with 2,501 cases reported in 1999. However, case fatality rates remain high; of the 1,091 patients with outcome reported in 1999, a total of 12,5% died. Serogroup information was reported for 36,7% of cases, with serogroups B, C, and Y each accounting for approximately one-third of these cases.

MUMPS — reported cases per 100,000 population by year, United States, 1974-1999



In 1999, a record low of 387 mumps cases was reported, meeting the Healthy People 2000 objective of 500 cases per year.

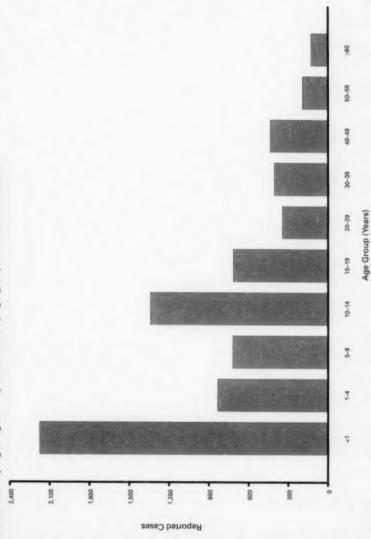
PERTUSSIS (whooping cough) — reported cases per 100,000 population by year, United States, 1969-1999



Pertussis epidemics occur every 3-4 years. In 1996, the highest number of partussis cases (7,796) since 1967 was reported (incidence: 2.9 cases/100,000 population). Since 1993, the number of cases reported after each epidemic year has not returned to the baseline of the pre-epidemic year.

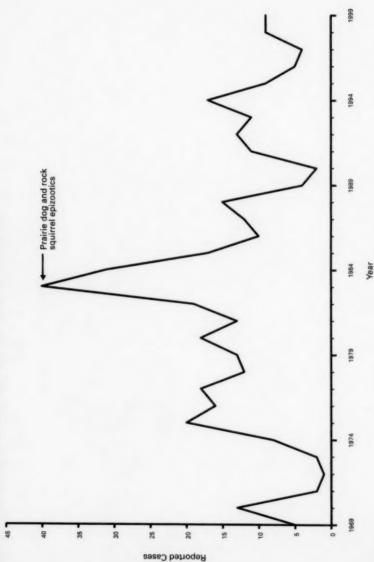
Note: A pertussis vaccine was first licensed in 1949.

PERTUSSIS (whooping cough) - reported cases by age group, United States, 1999



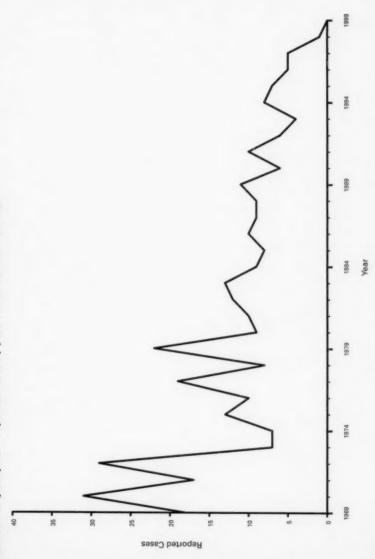
Most reported cases of pertussis continue to occur among children aged <1 year, but cases among adolescents and adults are increasingly reported to CDC. In 1999, a total of 49% of all reported cases occurred among persons aged ≥10 years. The proportion of reported cases among persons aged ≥10 years was 24% during 1990— 1992, 29% during 1993-1995, and 46% during 1996-1999.

PLAGUE — reported cases among humans, by year, United States, 1969-1999



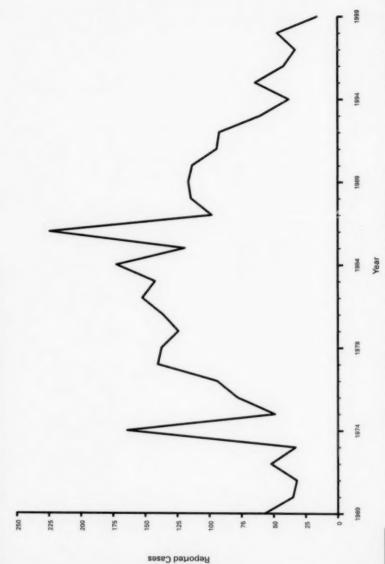
In 1999, nine laboratory-confirmed cases (one fatal) of human plague were identified (three in Colorado and six in New Mexico). All cases were naturally acquired from handling infected animals or being bitten by infectious wild rodent fleas.

POLIOMYELITIS (paralytic) — reported cases by year, United States, 1969-1999



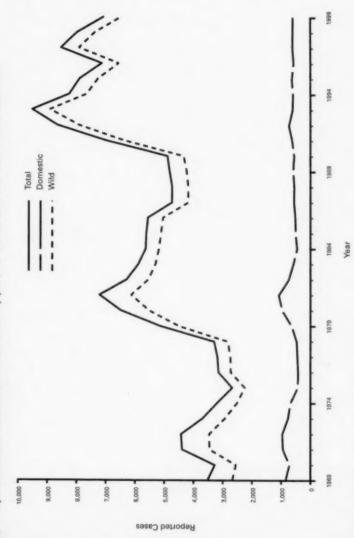
Data suggest a decline in vaccine-associated paralytic polio (VAPP) since the introduction of a sequential immunization schedule with inactivated poliovirus vaccine (IPV) and live, attenuated oral poliovirus vaccine (OPV) in 1997. This trend is expected to continue with the all-IPV schedule initiated in January 2000. Continued monitoring with additional observation time is required to confirm these preliminary findings because of potential delays in reporting.

PSITTACOSIS — reported cases by year, United States, 1969-1999



During the 1990s, the number of reported psittacosis cases steadily declined. This decline could reflect both improved diagnostic testing to distinguish Chlamydia psittaci from C. pneumoniae infections, as well as improved control measures for psittacosis among birds.

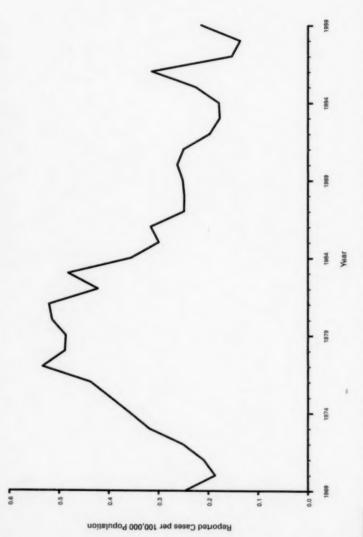
RABIES — reported wild and domestic animal cases by year,\* United States and Puerto Rico, 1969–1999



\*Data from the National Center for Infectious Diseases.

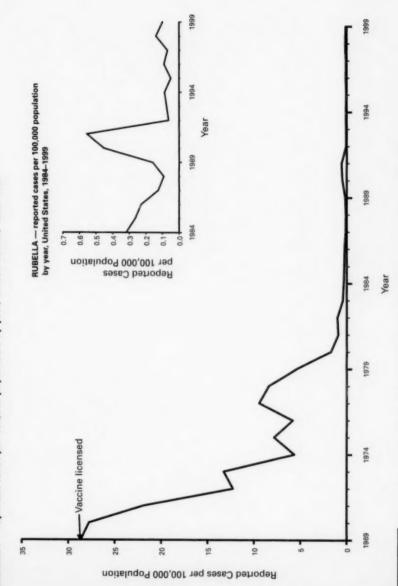
Periods of resurgence and decline of rabies incidence are primarily the result of cyclic reemergence, mainly among raccoons in the eastern United States. Wildlife populations increase and reach densities sufficient to support epizootic transmission of the disease, resulting in substantial increases in reported cases. As populations are decimated by these epizootics, numbers of reported cases decline until populations again reach levels to support epizootic transmission of the disease.

ROCKY MOUNTAIN SPOTTED FEVER — reported cases per 100,000 population by year, United States, 1969–1999



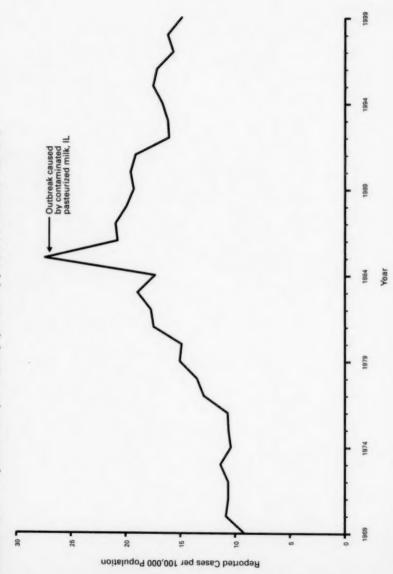
Changas in the number of reported cases of Rocky Mountain spotted fever could reflect alterations to surveillance algorithms for this and other tickborne diseases. Biological factors (e.g., changes in tick populations resulting from fluctuating environmental conditions) also could be involved.

RUBELLA — reported cases per 100,000 population by year, United States, 1969-1999



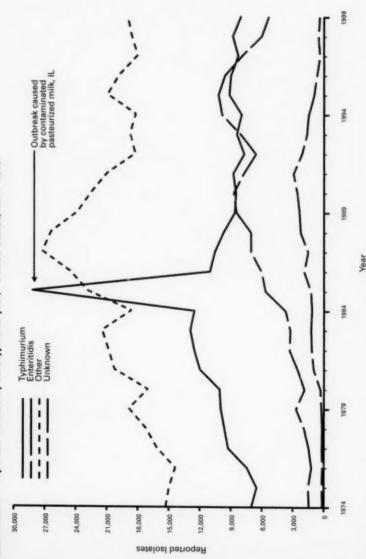
Since 1992, the incidence of rubelle has continued to be low. In 1999, approximately 75% of cases occurred among Hispanics aged ≥15 years.

SALMONELLOSIS — reported cases per 100,000 population by year, United States, 1969-1999



In 1999, Salmonella serotypes Typhimurium and Enteritidis accounted for 41% of all reported laboratory-confirmed human salmonellosis cases.

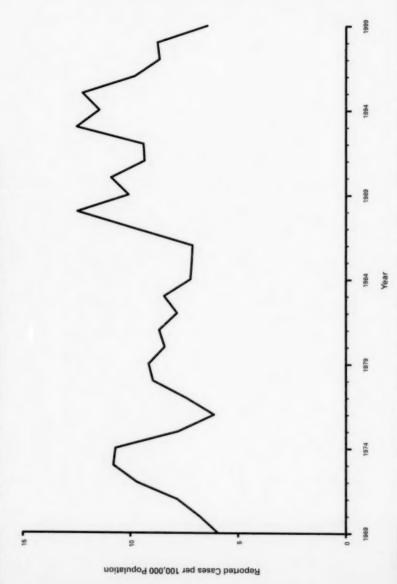
## SALMONELLA — reported isolates by serotype and year,\* United States, 1974-1999



\*Data from Public Health Laboratory Information System (PHLIS).

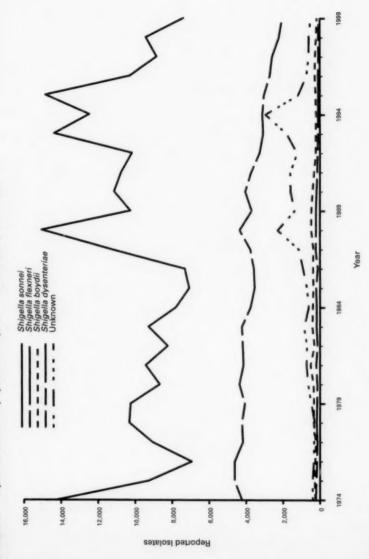
A multiple-resistant strain of Salmonalla serotype Typhimurium accounts for approximately 30% of the Typhimurium isolates in the United States. The continued decline in Salmonalla serotype Enteritidis could be associated with expanded farm-to-table control programs.

SHIGELLOSIS — reported cases per 100,000 population by year, United States, 1969-1999



Although the incidence of shigellosis has decreased in recent years, prolonged and extensive Shigella sonnei outbreaks continue to occur in child care settings.

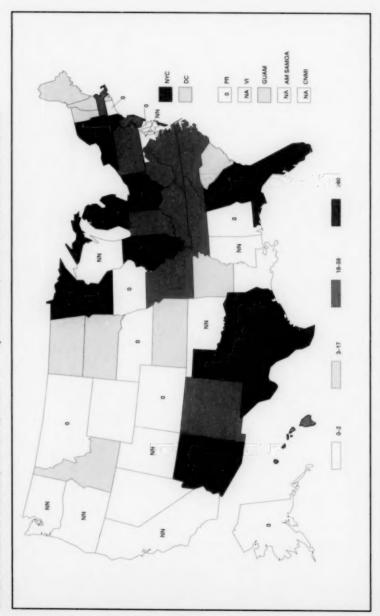
SHIGELLA — reported isolates by species and year,\* United States, 1974-1999



\*Data from Public Health Laboratory Information System (PHLIS).

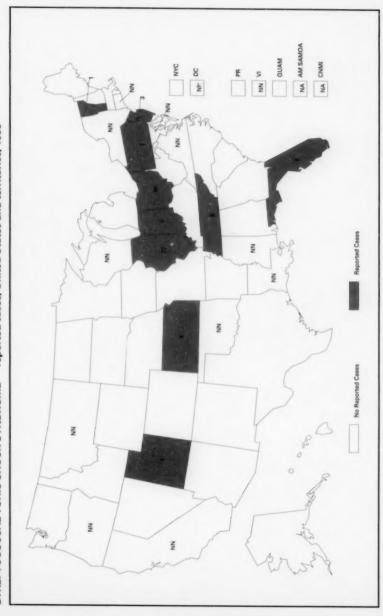
In recent years, reported isolations of Shigella have gradually decreased.

STREPTOCOCCAL DISEASE, INVASIVE, GROUP A — reported cases, United States and territories, 1999



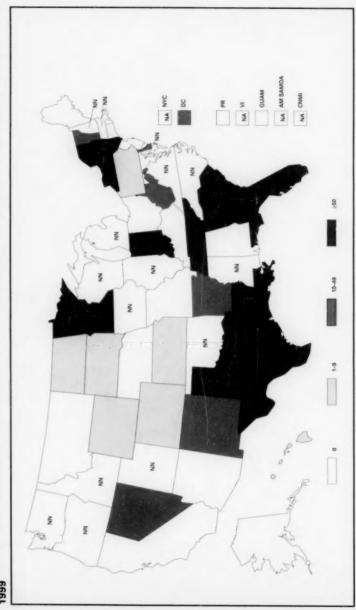
Invasive group A streptococcal disease has been nationally notifiable since 1995. In 1999, a total of 2,382 cases was reported from 38 states, territories, and cities that mandate public health reporting of this condition.

STREPTOCOCCAL TOXIC SHOCK SYNDROME — reported cases, United States and territories, 1999



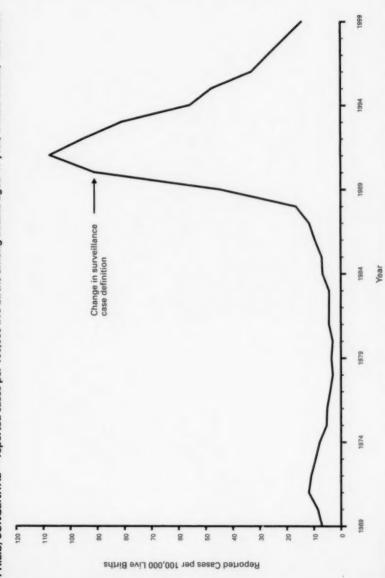
Streptococcal toxic shock syndrome has been nationally notifiable since 1995, in 1999, a total of 61 cases was reported to the National Notifiable Diseases Surveillance System (NNDSS).

STREPTOCOCCUS PNEUMONIAE, DRUG RESISTANT, INVASIVE DISEASE — reported cases, United States and territories,



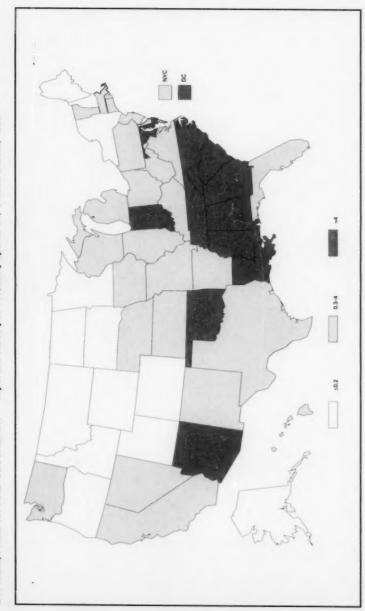
In 1999, approximately 60,000 cases of invasive pneumococcal infections occurred in the United States, with one in three cases caused by a strain resistant to at least conjugate vaccine (Prevnar'm, marketed by Wyeth Lederle Vaccines) was licensed and recommended for children aged <5 years. This vaccine should reduce the one antibiotic normally used to treat these infections (Active Bacterial Core Surveillance, National Center for Infectious Diseases). In 2000, a new pneumococcal number of pneumococcal infections, including most infections caused by drug-resistant strains.

SYPHILIS, CONGENITAL — reported cases per 100,000 live births among infants aged <1 year, United States, 1969-1999



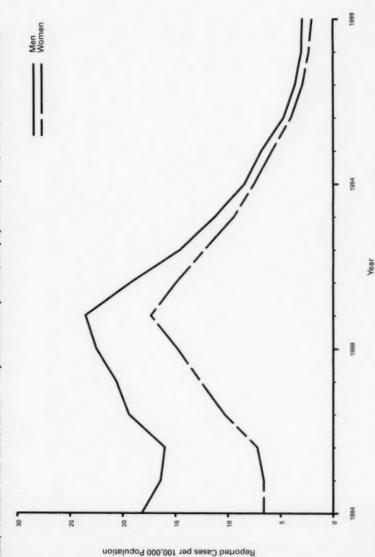
The rate of congenital syphilis decreased from 21.6 cases/100,000 live births in 1998 to 14.3/100,000 in 1999 (Division of Sexually Transmitted Diseases Prevention, National Center for HIV, STD, and TB Prevention).

SYPHILIS, PRIMARY AND SECONDARY — reported cases per 100,000 population, United States, 1999



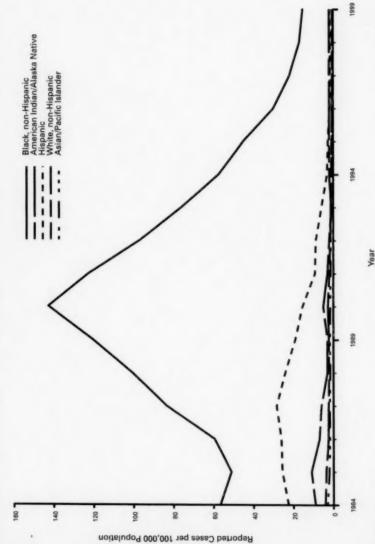
In 1999, the U.S. rate of primary and secondary syphilis was 2.5 cases/100,000 population, which is below the revised Healthy People 2000 national objective of 4.0 cases/100,000 population. Thirty-nine states reported rates below the national objective, and 14 states reported 55 cases.

SYPHILIS, PRIMARY AND SECONDARY — reported cases per 100,000 population by sex, United States, 1984-1999



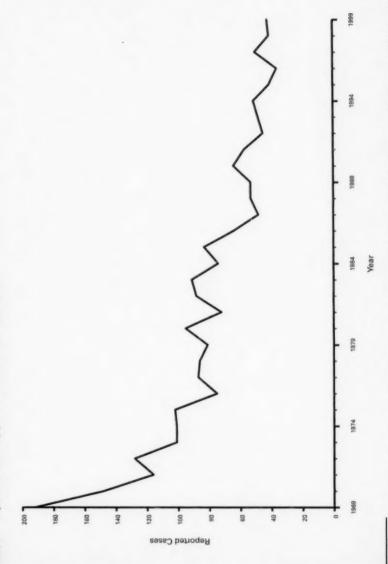
The reported U.S. rate of primary and secondary syphilis continues to decline, with 1999 rates among both males and females below the Healthy People 2000 national objective of 4.0 cases/100,000 population. Rates decreased from 3.0 cases/100,000 in 1998 to 2.9 in 1999 among men and from 2.2 cases/100,000 in 1998 to 2.0 cases in 1999 among women.

SYPHILIS, PRIMARY AND SECONDARY — reported cases per 100,000 population by race and ethnicity, United States, 1984–



in 1999, primary and secondary syphilis rates declined or remained the same except among Hispanics. The reported rate among non-Hispanic blacks (15.2 cases/ 100,000 persons) decreased 10%during 1998 – 1999 but was 30 times greater than the rate among non-Hispanic whites.

TETANUS — reported cases by year, United States, 1969-1999



In 1999, a total of 40 cases of tetanus was reported. A shift has occurred in the age distribution of cases, with the percentage of cases among persons aged 25-59 years increasing in the past decade.

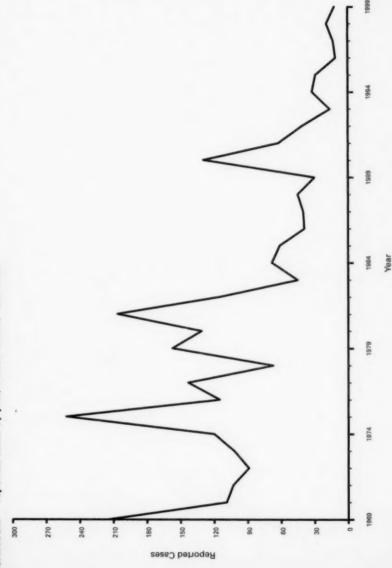
## TOXIC-SHOCK SYNDROME (TSS) -- reported cases by quarter, United States, 1984-1999



"Includes cases meeting the CDC definition for confirmed and probable cases for staphylococcal TSS.

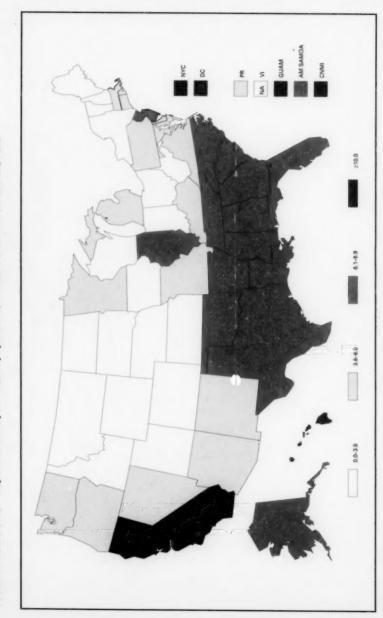
in 1999, a total of 17 cases of staphylococcal TSS was reported to NCID. Of these cases, nine (53%) persons had menstrual TSS.

TRICHINOSIS — reported cases by year, United States, 1969-1999



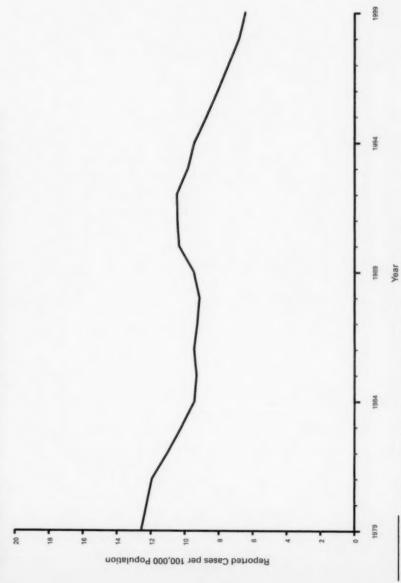
In 1999, a total of 12 cases of trichinosis was reported in the United States. Cases have declined in recent years, with numbers reported at <50 since 1993.

TUBERCULOSIS (TB) — reported cases per 100,000 population, United States and territories, 1999



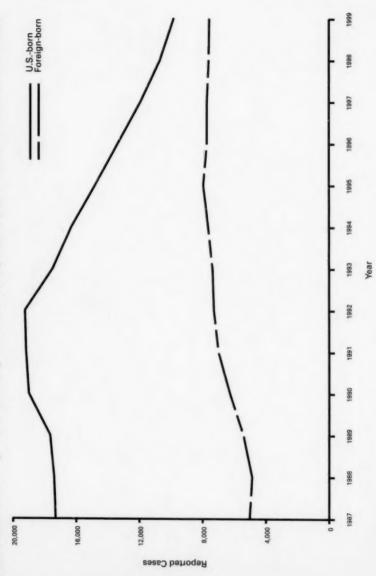
In 1999, a total of 17 states had TB rates of <3.5 cases/100,000 population, which is the interim (i.e., year 2000) incidence target for the elimination of TB by the year 2010.

TUBERCULOSIS (TB) — reported cases per 100,000 population by year, United States, 1979-1999



In 1999, a total of 17,531 TB cases was reported to CDC, representing a 4.5% decrease from 1998.

TUBERCULOSIS (TB) — reported cases among U.S.-born and foreign-born persons\* by year, United States, 1987-1999

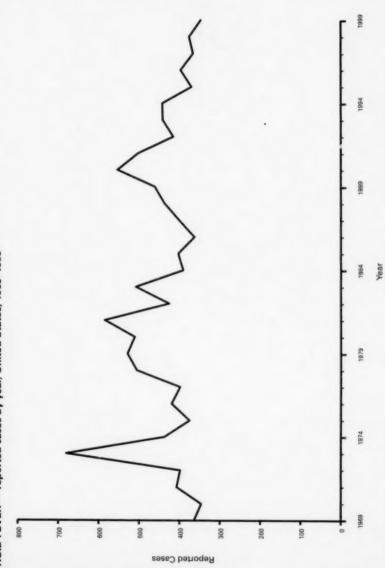


\*In 1999, place of birth was unknown for 169 case-patients.

The number of TB cases among foreign-born persons in the United States increased from 22% (4,925 cases) of the total in 1986 to 43% (7,553 cases) of the total in

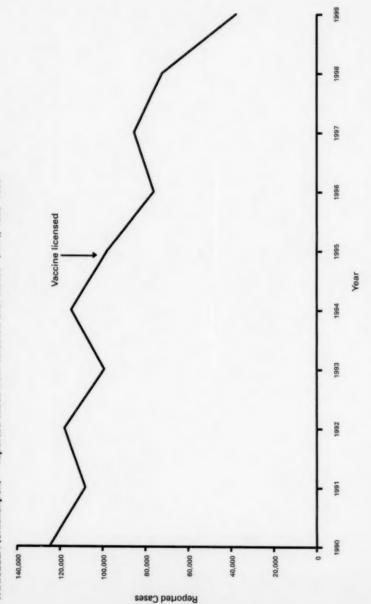
1999

TYPHOID FEVER — reported cases by year, United States, 1969-1999



The recent discontinuation of a licensed typhoid fever vaccine and shortages of a second vaccine could cause an increase in preventable cases of typhoid fever among persons traveling internationally.

VARICELLA (Chickenpox) — reported cases from selected U.S. states\* (n=7), 1990-1999



\*Illinois, Massachusetts, Michigan, Missouri, Rhode Island, Texas, and West Virginia maintained adequate reporting by reporting cases constituting ≥5% of their birth cohort during 1990–1995 (National Immunization Program).

## PART 3

Historical Summaries of Notifiable Diseases in the United States, 1968–1999

EXPLANATION OF SYMBOLS USED IN TABLES

No reported cases .....-

TABLE 7. Reported incidence r	ates of not	ifiable dis	eases per	ă	population	United	States,	1989-1999			
	1969	1990	1991	8	1983	1984	1986		1997	1998	1986
AIDS*	13.58	16.72	17.32	82	40.20	30.07	27.20	25.21	21.86	17.21	16.66
Anthrax Aseptic meningitis	4.14	4.77	189	88	639 371	371		-			
0.04 0.04 0.05 0.05	9000	9000	0000	282	0.00	9000	9000	0.00	888	9000 9000	0.00
hancroid	1.30	1.70	1.40	080	0.54	0.30	0.20	0.15	60.0	0.07	90.0
holera		0000	100	0.04	0000	0.02	0.00	0.01	0.00	0.01	000
Diphtheria Encephalitis, primary	000	000	000	000	188	000		0.01	0.0	000	800
Postiniectious ncephalitis, California serogroup viral Eastern equine St. Louis	5	<b>100</b>		9	Ò	8	***************************************			<b>5</b> 856	8888
western equine scherichia coli O157:H7	***************************************	***************************************	***************************************	***************************************		0.82	10.1	1.18	1.04	1.28	1.73
onorrhea	297.36	276.60	249.48	201.60	172.40	168.40	149.50	122.80	121.40	132.88	133.20
ranuoma inguinale aemophilus influenzae, invasive disease	800	0000	1.10	0.56	0.56	0.46	0.45	0.45	0.44	0.44	0.48
ansen disease (leprosy)	70.07	10.08	9000	0.07	0.07	90.05	12.13	0.06	10.06	90.08	0.04
Spatitis B	9.43	8.48	7.14	6.32	5.18	4.81	4.19	4.01	3.90	3.80	2.82
epatitis C; non-A, non-B** epatitis, unspecified	1.02	1.03	1.42	2.36	1.86	1.78	1.78	1,41	1.43	1.30	1.14
agionellosis	0.48	0.55	0.53	0.53	0.50	0.63	0.48	0.47	0.44	0.51	0.41
sptospirosis	900	0.03	380	3.93	3.20	5.02	4.49	6.21	4.79	629	5.99
mphogranulama venereum Blaria	0.55	0.52	0.51	0.00	0.50	0.40	0.56	9800	0.75	0.60	0.61
ensies, lenin, rococcal Gaesse lumps	2.1.2	22.0	1.72	28.0	20.00	0.1.0	0.35	2888	124	0.20	0.00
furine typhus tever	0.02	0.02	0.02	0.02	0.07	0.01	************	***************************************		********************	***************************************

TABLE 7. (Continued) Reported incidence rates of notifiable diseases per 100,000	rted incidence	rates of	notifiable	diseases	per 100,00	o popul	population, L	United States, 1989-1999	1989-	1999	
Disease	1969	1980	1981	1982	1983	1994	1986	1996	1987	1998	1989
Pertussis (whooping cough)	1.67	1.84	1.08	1.60	2.55	1.77	1.97	294	2.46	2.74	2.67
Plague	0000	0.00	0000	0.01	000	0.01	000	0.01	0.01	000	000
Poliomyelitis, paralytic	0000	000	0.00	000	0000	000	0.00	0.01	0.01	0000	1
Psittacosis	0.05	90.0	0.04	0.04	0.02	0.02	0.03	0.02	0.02	0.02	0.01
Rabies, human	000	000	000	000	0.00	000	000	100	0.01	000	1
Rheumatic fever, acute	0.13	000	0.12	90.0	0.08	90.0	***************************************	***************************************	***************************************		***************************************
Rocky Mountain spotted fever	920	0.26	0.25	0.20	0.18	0.18	0.23	0.32	0.16	0.14	0.21
Rubeila	0.16	0.45	990	90.0	0.07	0.09	90.0	0.10	0.07	0.13	0.10
Salmonellosis, excluding typhoid fever	19.26	19.54	19.10	16.04	16.15	16.64	17.66	17.15	15.86	16.17	14.89
Shigellosis	10.07	10.89	9.34	9.38	12.48	11.44	12.32	9.80	8.64	8.74	6.43
Syphilis, primary and secondary	18.07	20.10	17.26	13.70	10.40	8.10	6.30	428	3.19	2.61	2.50
Total, all stages	44.94	53.80	51.69	45.30	39.70	32.00	26.20	19.97	17.39	14.19	13.07
Tetanus	0.00	0.03	0.02	0.02	0.02	0.02	0.00	0.02	0.02	0.02	0.01
Taxic-shock syndrome	0.16	0.13	0.11	0.10	90'0	0.10	0.07	90.0	90.0	90'0	0.06
Trichinosis	0.01	90.0	0.02	0.05	0.01	0.01	0.01	0.01	0.01	0.01	00.00
Tuberculosis	9,46	10.33	10.42	10.46	9.82	9.36	8.70	8.04	7.42	6.79	6.43
Tularemia	0.06	90'0	0.08	90.0	900	0.04			1		
Typhoid fever	0.19	0.22	0.20	0.16	0.17	0.17	0.14	0.15	0.14	0.14	0.13
Varicella (chickenpox)"	121.77	120.06	136.82	176.54	118.54	136.76	118.11	44.13	93.55	70.28	44.56
Vallousferior	1		1	1	1	1		000			COUL

Acquired immunodeficiency syndrome (AIDS).
 No longer straighough (Aids) syndrome (AIDS).
 Chlamdiga refers to genital infections caused by C. trachomatis.
 Not necessary satingally notifiable.
 Adhi-HCV (repeatite Curius) antibody test became evaliable May 1990.
 Not netionally notifiable.

Note: Rates <0.01 after rounding are listed as 0.00. Data in the MMWR Summary of Notifiable Diseases, United States might not match data in other CDC surveillance reports because of differences in the timing of reports, the source of the data, and the use of different case definitions.

1992 1993 1994  1902 1994 1995  2,942 2,970 2,989  2,942 2,970 2,989  2,942 2,970 2,989  1,223 12,948 8,922  1,06 1,29 199  1,06 1,29 199  1,089 1,389 1,389 173  1,099 1,174  1,00 1,00 1,00 1,00 1,00 1,00 1,00 1,0	FABLE 8. Reported cases of notifiable diseases, United States, 1992-1999				
Address	1994		1997	1998	1999
ingitis  at (includes wound and unspecified)  2	78,279	986'999 2	58,492	46,521	45,104*
Initial class wound and unspecified)   1,2,2,2,2,3,3,3,4,3,4,4,3,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,4,7,4,7,4,4,7,4,4,7,4,7,4,4,7,4,7,4,4,7,4		1	ı	ſ	1
196   120   119   173   173   173   173   173   173   173   173   173   173   173   173   173   173   173   173   173   173   173   174   174   175		55 KV 88	Sek	<b>5</b> 28	<u>\$</u> 28
1986   1,389   773   734   7	119		88	25	88
diosis  diosis  diosis  diosis  California serogroup viral  California serogroup viral	773		243	189	143
a serogroup viral 1259 177 4 919 177 140 140 140 140 140 140 140 140 140 140	8		2 5.00	2702	9 361
a serogroup viral 129 170 143 see 143		2	4-	2001	-
Line  Unine  Public  OliO157:H7  Sulface  Sulfac				65	R
99uinale 439,673 418,088 1747 1440 1748 1748 1748 1748 1748 1748 1748 1748	*			180	
9pulnale 359/73 418,088 159 177 173 173 174 175 175 175 175 175 175 175 175 175 175	1,420	3 2,741	2,565	3,161	4,513
1,174 1,174	418,068	77	324,907	355,642	360,076
23,112 24,238 26,796 16,106 13,361 12,517 6,010 4,796 4,470 894 627 444 1,289 1,289 1,615 1,289 1,615		1,170	1,162	1,194	1,309
10,126 13,361 12,517 16,126 13,361 12,517 10,000 4,700 4,700 10,0	26,796		30,021	23,229	17,047
ton-A, non-B" 6,010 4,778 4470 4470 4578 4470 4578 457 457 457 457 457 457 457 457 457 457	12,517		10,416	10,258	7,694
1,339 1,280 1,615	4,470		3,816	3,518	3,111
	1,615	1,198	1,163	1,365	1,108
8,257 13,043	13,043	16,455	12,801	16,801	16,273

TABLE 8. (Continued) Reported cases of notifiable diseases, United States, 1992-1999

Observed         1982         1984         1984         1985         1984         1986	Service of the servic	200	100000000000000000000000000000000000000	Constant months	2001				
1,087   1,411   1,229   1,419   1,800   2,001   1,611     2,234   2,637   2,2866   3,243   5,406   138   138   1,005     2,134   2,637   2,886   3,243   5,406   138   138   1,005     2,134   2,637   1,286   3,243   5,406   1,611   1,611     3,08   3,08   3,08   1,08   1,08   1,08     4,09   4,007   4,617   4,617   4,619   4,007   1,28     4,09   4,09   4,617   4,619   4,007   4,007   1,007     4,09   4,09   4,09   4,09   4,09   4,09   4,09     4,09   4,09   4,09   4,09   4,09   4,09     4,00   4,09   4,09   4,09   4,09     4,00   4,09   4,09   4,09   4,09     4,00   4,09   4,09   4,09     4,00   4,09   4,09   4,09     4,00   4,00   4,09     4,00   4,00   4,09     4,00   4,00   4,09     4,00   4,00   4,09     4,00   4,00   4,09     4,00   4,00   4,09     4,00   4,00   4,00     4,00   4,00     4,00	eate	1982	1983	1994	1996	1996	1987	1998	1989
2 237 237 2865 3269 500 751 308 2700 2312 2312 2312 2312 2312 2312 2312 23	alaria	1,087	1.411	1,229	1,419	1,800	2.001	1,611	1,666
2 5/134 2 6677 2 2896 3.243 3.447 3.038 2.755 2.757 1.090 2.757 1.090 2.757 2.	nastes	2,237	312	963	309	508	138	100	100
ught)         2577         1662         1537         906         751         663         666           ught)         4,003         6,566         4,617         6,137         7,796         6,664         7,405           ught)         113         10         1         1         7         6,664         7,405           segg         8,77         6,666         4,617         5,137         7,796         6,664         7,405           segg         8,37         8,467         8,147         7,811         6,922         8,105         7,259           sever         112         112         112         112         112         11	aningococcal disease	2.134	2.637	2.896	3.243	3.437	3.308	2.725	2.501
ugh)         4,003         6,506         4,617         5,137         7,796         6,564         7,405           1/3         1/0         1/7         9,137         7,796         6,564         7,405           1/3         1/0         1/7         9,4         2,6         5,6         7,495           1/3         1/3         1/3         1/4         2,6         5,6         7,796           1/4         1/4         1/4         1/4         1/4         1/4         1/4         1/4           1/4         1/4         1/4         1/4         1/4         1/4         1/4         1/4         1/4           1/4	nmps	2.572	1,692	1,537	906	751	683	999	387
ugh)         4,003         6,566         4,617         5,137         7,786         6,564         7,405           gg         4         4         8         7         6         6         6         4         9           gg         8,97         8,147         7,811         6,922         8,105         7,259           fever         1         1         112         112         112         33         1,05         7,259           fever         502         465         466         466         569         8,105         7,259           fever         502         466         466         227         128         181         366           rever         40,917         41,641         41,801         22,117         23,656         37,977           rever         40,917         41,661         22,060         46,640         23,666         43,864         37,977           rever         23,381         24,182         26,000         13,879         41,801         13,871           rever         112,281         12,286         20,876         46,600         13,977         138           rever         23,381         24,886         26,976 </td <td>urine typhus fever</td> <td>88</td> <td>33</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	urine typhus fever	88	33						
13	rtussis (whooping cough)	4,083	6,586	4,617	5,137	7,796	6,564	7,405	7,288
fever         4         8         7         64         2         5         1           fever         8889         877         8147         7811         42         5         5         1           fever         112         112         112         112         112         112         36         12         12         12           orme         40,91         41,61         42,22         45,370         45,370         46,370         46,370         41,801         21,865           order         40,91         41,64         42,322         45,370         45,370         41,801         21,865           order         40,91         41,641         42,370         45,370         45,370         43,801         43,801           order         40,91         40,92         40,370         46,500         7,377         43,801         43,801           order         40,01         40,01         40,02         40,00         7,377         43,801         43,801           order         40,01         40,01         40,00         40,00         13,801         43,801         43,801           order         40,01         40,01         40,00         40,00	ane	13	10	17	6	10	4	8	6
Secondary   Seco	llomvelitis, paralytic**	9	4	00	7	ıco	ıo	-	1
See	ttacosis	8	09	89	199	0	33	47	91
fever         75         112         16         5         5         3         2         1           fever         75         112         112         16         5         27         178         288         40         881         364           flyphold fever         502         40,912         41,641         42,372         45,970         45,471         41,801         364           flyphold fever         23,973         26,486         20,627         45,500         45,471         41,801         43,884           12,891         32,973         26,486         20,627         16,500         11,387         8,560         6,986           244         212         18         41         36         43,644         57,977         43,884           44         212         182         19         14         113         138         118           156         22,000         22,000         13,67         45,00         57,977         45,00         57,977         45,00         47,977         43,884           244         212         192         19         16         113         18,361         18,361         18,361           156         12 </td <td>bies, animal</td> <td>8,589</td> <td>9.377</td> <td>8,147</td> <td>7,811</td> <td>6,982</td> <td>8,105</td> <td>7,259</td> <td>6,730</td>	bies, animal	8,589	9.377	8,147	7,811	6,982	8,105	7,259	6,730
fever         75         112 <td>bies, human</td> <td>-</td> <td>8</td> <td>9</td> <td>2</td> <td>8</td> <td>2</td> <td>1</td> <td>1</td>	bies, human	-	8	9	2	8	2	1	1
Fig. 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	eumatic fever, acute	IS	112	112					
Orme (190 192 27 128 28 181 384 187 (190 182 27 128 288 181 384 384 385 385 385 385 385 385 385 385 385 385	cky Mountain spotted fever	502	466	466	980	1831	406	366	579
Ordray 40,917 441,641 42,322 45,970 45,970 45,970 43,970 4	pella	160	192	227	128	238	181	364	267
Ityphold fever	bella, congenital syndrome	11	2	7	9	4	2	7	6
ondary 33.97	monellosis, excluding typhoid fever	40,912	41,641	43,323	45,970	45,471	41,901	43,694	40,596
Ondery 33.973 26.486 20.627 16.500 11387 8.560 6.983 Ondery 112,581 101,289 81,686 68,583 52,976 46,540 37,977  244 212 192 191 191 195 115 115 115 115 115 115 115	gellosis	23,931	32,198	29,769	32,080	25,978	23,117	23,626	17,521
112,581 101,728 81,686 68,653 52,976 46,540 37,977 48, 212 125 181 146 115 18 18 18 18 18 18 18 18 18 18 18 18 18	philis, primary and secondary	33,973	26,498	20,627	16,500	11,387	8,550	6,993	6,657
4	Total all stades	112581	101,259	81.696	68 953	52.976	46.540	37.977	35.628
244 272 182 192 191 146 157 138 138 2673 25.313 25.436 22.80 27.37 19,51 18.361	anus	45	98	100	41	38	09	41	40
28,677 26,313 24,361 22,800 21,337 19,651 18,361 18	kic-shock syndrome	244	212	192	191	146	157	138	113
25673         26,313         24,361         22,880         21,337         19,861         18,361           159         122         49         38         386         36         375           414         134,722         16,413         130,624         83,511         86,727         82,455	chinosis	41	91	8	83	11	13	19	12
152 36 386 386 386 377 82.485 1 120,824 83,511 98,777 82,485	berculosis	26,673	25,313	24,361	22,860	21,337	19,851	18,361	17,53199
158,364 134,722 151,219 120,624 83,511 98,727 82,455	aremia	158	35	984	00%	306	202	302	SAG
	ricella (chickenpox)***	158,364	134,722	151,219	120,624	83,511	98,727	82,455	46,016

\* Total number of acquired immunodeficiency syndrome (AIDS): cases reported to the Division of HIV/AIDS Prevention—Surveillance and Epidemiology, National Center for HIV,STD, and TB Prevention (NCHSTP) through December 31, 1899.

No tonger report from the Carlo of Sexually Transmitted Diseases Prevention, NCHSTP, as of August 8, 2000.

Cases were updated frough the Division of Sexually Transmitted Diseases Prevention, NCHSTP, as of August 8, 2000.

Cases were updated frough the Division of Sexually Transmitted Diseases Prevention, NCHSTP, as of August 8, 2000.

And HOVE Transmitted or reflect changes beard or retrospective vass evaluations or late reports is seen while the Division of Tuberculosis Elimination, NCHSTP, as of May 3, 2000.

\*\* Cases were updated through the Division of Tuberculosis Elimination, NCHSTP, as of May 3, 2000.

\*\* Cases were updated through the Division of Tuberculosis Elimination, NCHSTP, as of May 3, 2000.

\*\* Cases were ordered through the Division of Tuberculosis Elimination, NCHSTP, as of May 3, 2000.

Note: Data in the MMWR Summary of Notifiable Disease, United States might not match data in other CDC surveillance reports because of differences in the timing of reports, the source of the data, and the use of different case definitions.

1984   1986	ABLE 9. Reported cases of notifiable diseases, United States, 1984–1991				
6,4455 8,2495 8,2495 120 120 120 120 120 120 120 120 120 120		1987 1988	1969	1990	1991
10,000   1		3,123 2,860		3,328	43,672
131 153 695 2.007 165 165 165 165 165 165 165 165 165 165		11,487 7,234	10,274	11,862	14,526
131 153 665 2,067 1521 153 153 153 153 153 153 153 153 153 15		98	18	38	36
tious*  1,257  1,257  1,267  1,278  1,278  1,278  1,278  1,288		129 9	88	2	104
4, primary 1,257 1,376 101 101 101 101 101 101 101 101 101 10		4,996	1 4,692	4,212	3,476
tious** 1.27 1.378		000	100	10 4	Ba
tious* (78,596 911,419 108 1108 1108 1108 1108 1108 1108 110				1,341	1,021
Inguinale   30   44		780,906 719,536	733,151	900,166	620,478
Asset (leprosy) 22,2040 351 351 100 100 100 100 100 100 100 100 100 1		22	1 7	65	23
20,040, 22,210				198	154
Asia (28,11) 4,184 (28,11) 4,1				31,441	24,378
100 1 200 1				21,102	18,003
150   150		3.102 2,470	2306	1.671	1,260
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1,0007 1,048 2,567 2,822 2,746 2,479 3,021 2,952				277	471
2,997 2,892 2,479 2,479 2,479 3,021 2,982		1,089		1,292	1,278
cal disease 2,746 2,479 3,021 2,982				27,786	9,643
3,021				2,461	2,130
		•		282'9	4,00
3 500		2000	4167	4 570	27.10

### 177   178   179   179   ### 177   178   179   ### 177   179   179   ### 177   ### 177	1984 1985 1987	1998	1969	1980	1981
172   18   172   18   172   18   172   18   172   18   18   172   18   18   18   18   18   18   18   1		31	4	2	11
6,567 6,567 119 119 119 119 119 119 119 119 119 11	10	6		9	10
1   1,567   5,566   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   1,17   91   91   1,17   91   91   91   91   91   91   91	24 98	114	116	113	3
117 90   118   119   1	4,668	4,661	4,724	4,826	6,910
### State of the very state of	147	150	144	100	1273
antal syndrome 600 6 600 600 600 600 600 600 600 600		609	ROA	661	RCA
As ackleding typhoid fever 40,861 66,347 (17,057 17		356	300	3 8 3 6	1 401
4, excluding typhoid fever 40,881 (66,347 17,057 17			38	11	CA.
ary and secondary 17,371 17,057 17,05	84 50,916	48.948	47,812	48.603	48,154
ary and secondary 22/131  1988 07/563  14 85  47 85  47 86  48 86			25.010	27.077	23,548
ges 69,663 988 67,663 974 82 82 82 984 682 384 682 384 682 384 682 384 682 384 682 982 984 682 982 982 982 982 982 982 982 982 982 9			44,540	50,223	42,936
74 83 84 82 384 82 284 85 85 85 85 85 85 85 85 85 85 85 85 85		-	110,797	134,255	128,569
yndrome 482 384 286 2201 2220 2201 2220 2201 2220 2201 2220 2201 2	64 48	88		99	57
22,266 22,201	372	380	98	28	280
100				26.701	26.283
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350 4U2 4U2 178 162				172 099	147 078

Note: Data in the MMWR Summary of Notifiable Disease, United States might not match data in other CDC surveillance reports because of differences in the timing of reports, the source of the data, and the use of different case definitions. Yellow from:

\*Acquired immunodeficiency syndrome (AIDS).

\*Not reported as distinct categories during this period.

\*Not reported as distinct categories during this period.

\*Not reported as distinct categories during this period.

\*Not reported as distinct categories during the special date of reported to sate was reported in 1924.

\*Last indigenous case of yellow fever reported in 1911; before 1998, the last imported case was reported in 1924.

TABLE 10 Renorted

ABLE 10. Reported cases of notifiable	e diseases,	Cilitad Ciales,						
Disease	1976	1977	1978	1879	1980	1961	1982	1983
Amahiasis	2906	3044	2000	4 107	K 271	R RRD	2 30A	A AKR
Anthrax	22		9	1	200	n'one	-	ororin
Aseptic meningitis	3,510	4,789	6,573	8,754	8,028	9,547	9,680	12,696
Botulism, total (includes wound and unspecified)	18	129	100	19	8	103	6	133
Brucellosis		21	2	215	23	98	27	300
Cholera	Supp.	800	35	8	200	000	1,382	100
Diphtheria*	128	8	112	8	000	e un	~	- 163
Encephalitis, primary Postinfectious	188,1	1,414	1987 1987	28	1,362	1,482	1,464	E. S
Gonorrhea	1,001,994	1,002,219	1,013,436	1,004,058	1,004,029	990,864	960,633	900,435
Granuloma inguinale	K	10	2	92	19	88	17	8
Hansen disease (leprosy)	146	151	98	98	200	288	280	
Hepatitis A	14.973	16,831	15,016	15,452	19,015	21 152	22,403	24,332
Hepatitis, unspecified	7,488	8,639	8,776	10,534	11,894	10,975	8,564	7,149
Legionellosis	226	88 F	1961	08 38 08 38	Ē.88	200	200 200 200	282
Lymphogranuloma venereum	300	348	284	260	199	263	236	336
Malaria	471	547	731	884	2062	1,388	1,056	813
Measies	41,126	57,346	28,871	13,597	13,506	3,124	1,714	1,407
Meningococcal disease	1,805	1,828	2,506	2,724	2,840	3,525	3,056	2,736
Mumps	269/95	21,436	18,81	14,225	8,5/6	4,44	276	3,300
Pertussis (whooping cough)	010,1	2,177	2,063	1,623	1,730	1.248	1,808	2.463
Plague	16	18	20	23	92	13	2	7
Pollomyelitis, total	55	29	00 00	88	<b>n</b> ø	55	22	ឯឯ
Psittacosis	82	35	140	137	124	136	152	142
Rabies, animal	3,073	3,130	3,254	5,119	6,421	7,118	6,212	5,878
Rabies, human	2005	- out.	4 .00	4	1 5	200	1 8	200
Rheumatic Tever, acute	000	1,738	88	5000	1 163	1 100	13/	38
Rubella	12,491	20,386	18,269	11,796	3,904	2,077	2,325	970
Rubella, congenital syndrome	8	88	8	88	8	10	7	2
Saimonellosis, excluding typhoid fever Shigellosis	13,140	16,062	19,511	20,136	19,041	19,859	18,129	19,719
Syphilis, primary and secondary	23,731	20,389	21,856	278,05	27,204	31,286	33,613	32,696
Total, all stages	71,761	64,621	64,875	67,049	68,832	72,796	75,579	74,637
Telebioosie	6 at	187	88	200	85	200	198	5 4
Tuberculosis	32,105	30.145	28.521	27.668	27.749	27.373	25.520	23.846
Tularemia	157	186	141	136	234	286	275	310
Typhoid fever Varicella (chickenbox)	183 990	188.386	154 086	199 081	190 894	200 786	167.423	177 460
Vallowfever	anadan.	and the same of th	nondan.	- Contact	and and	2001,000	030,101	The same

Cutaneous diphtheria is no longer notifiable nationally after 1979.
 Egipming in 1984, data were recorded by date of report to state health departments, Before 1984, data were recorded by date of report to state health departments. Before 1984, data were recorded by onest date.
 No cases with paraytic policonyelits caused by wild virus have been reported in the United States since 1979.
 Last Indigenous case of yellow fever reported in 1971, itsit imported case reported in 1999.

Note: Data in the MMVR Summary of Notifiable Disease, United States might not match data in other CDC surveillance reports because of differences in the timing of reports, the source of the data, and the use of different case definitions.

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I ADLE 11. Reported cases of notifiable	DIE GISEGSES,	Colors Colors	0000					
Disease	1968	1966	1970	1971	1972	1973	1974	1975
Amebiasis	3,005	2,915	2,888	2,752	2,199	2,235	2,743	2,775
Anthrax	3	4	2	2	2	2	2	2
Aseptic meningitis	4,494	3,672	6,480	5,176	4,634	4,846	3,197	4,475
Botunsm	210	310	21.0	98	200	3,5	R	Res
Chancroid	845	1.104	1,416	1320	1,414	1,165	889	2002
Cholera	1	1	1	-	1	-	1	1
Diphtheria	280	241	436	215	152	228	272	307
Encephalitis, primary	1,781	1,613	1,580	1,524	1,069	1,613	1,164	4,064
Postinfectious	2005	304	370	439	243	354	218	237
Gonorrhea	464,543	534,872	600,072	670,268	767,215	842,621	906,121	999,937
Granuloma inguinale	925	152	124	88	88	815	4	8
Tansen disease (lebrosy)	57	9000	671	131	130	04100	118	791
Hepatitis A (Intectious)	20,000	46,410	20,/9/	200,000	24,0/40	50,749 0.453	40,308	30,000
Hepatitis unspecified	670%	ener'e	0,50	0000	3,402	10%/0	10,031	7 158
Leptospirosis	88	98	47	8	41	20	8.351	38
Lymphogranuloma venereum	486	2520	612	6802	756	408	200	383
Malaria	2,317	3,102	3,051	2,375	142	731	283	373
Measles	22,231	25,826	47,351	75,290	32,275	26,690	22,094	24,374
Meningococcal disease	2,623	2,951	2,505	2,262	1,323	1,378	1,346	1,478
Mumps	152,209	90,918	104,953	124,939	74,215	69,612	59,128	59,647
Murine typnus rever	30	3000	17	Sono	2000	320	980	4 720
Placine	4,610	3,200	4,248	3,030	3,26/	1,738	2,402 8	33
Poliomyelitis, total	23	8	S	21	31	00	1	13
Paralytic	23	18	31	17	23	7	7	13
Psittacosis	83	22	183	32	25	33	164	49
Rabies, animal	3,591	3,490	3,224	4,310	4,369	3,640	3,151	2,627
Rabies, human	- 0000	-	0	2	2 2	-	1	2
Rocky Mountain spotted force	3,470	3,229	3,227	2,793	2,614	2,560	2,431	2,004
Rubella	49.371	57.686	56 552	45 086	25 507	27.804	11917	16.652
Rubella, congenital syndrome	14	31	7	88	40	18	98	30
Salmonellosis, excluding typhoid fever	16,514	18,419	22,096	21,928	22,151	23,818	21,980	22,612
Strantococcal core throat and coarlet favor	435,013	AFO DOR	13,040 A22 A05	10,143	20,201	780777	77,000	10,204
	0000	000'00	200,000	-			The same of the sa	
Syphilis, primary and secondary	19,019	19,130	21,962	23,783	24,429	24,825	26,380	25,561
Tetaniis	178	192	148	116	128	101	101	102
Trichinosis	22	215	109	103	28	100	120	252
Tuberculosis*	42,623	39,120	37,137	35,217	32,882	30,998	30,122	33,989
Tularemia	982	149	172	187	152	171	144	129
ypnoid rever Varicella (chickenbox)	985	304	OFF.	40/	164 114	182 927	141 495	3/5 154 248
Vallow fever				************	1	100,000	200	Carried I

Not previously notifiable nationally.
 No longer norifiable nationally.
 Case data after 1914 are not comparable with partier years because of changes in reporting criteria that became effective in 1975.
 Last indigenous case of yellow fever reported in 1911; last imported case reported in 1999.

Note: Data in the MMWR Summary of Notifiable Diseases, United States might not match data in other CDC surveillance reports because of differences in the timing of reports, the source of the data, and the use of different case definitions.

TABLE 12. Deaths from selected notifiable diseases. United States, 1989-1998

Dorme	1. 47		4000	0000	4000	4000	4000	4000	- Charles	40000	4,0000	40000
State   Stat	Cause of Death	-CO	1366	1990	1961	1366	1963	1359	1360	1356	1961	1300
Second Colored Color	AIDS	*042-*044	22,082	25,188	29,555	33,566	37,267	42,114	43.115	31,130	16.516	13.426
District	Anthrax	000	1	1	-	1	1	1	-	-	-	1
Section   Continue	Rotulism foodborns	005.1	0	4	2		1	Name of Street	2	-	2	1
Section   Continue	Bench House	000							4=		4=	*
Section   Continue	Bruceriosis	0000			-	1				1	-	-
Step   1,000	Chancroid	0.69.0	1	1	- (	1 4	1	1.	1	1'	1	1'
altforms are organic work of the control of the con	Cholera	100		2	2	7	-	-	1	2	1	-
COURT   COUR	Diphtheria		1	_	1	-	1	1	1	1	1	-
Asserting equive         00823         1         1         1         1         2           Asserting equive         00823         1         1         1         1         2         1         2           Feature equive         00821         4         3         4         3         4         5         1         2         1         2           Restrictions (sept of 2000 000 000 000 000 000 000 000 000 0	Encephalitis, California serogroup		1	-	****	-	1	ì	1	-		1
Comparison	Focanhalitis Fastern acuine		1	-	1	-	-	-	-	-	2	,
Particular   Par	Encaphalitie & Louis			13	- 0			0	- 00	-	4 =	- 1
Particular and colored   Particular and colo	Elicabilatio, of Cours			2	0	4		2	0			
The control of the	Encephantis, western aguine	UGZ.	1	1 4	[ •	1'	1	***	('	1.	1	-
Information (Auto.) (A	Gonococcal infections	080	q	19	77	4	o	77	77		2	4
Marketious Heek A)   Marketi	Haemophilus influenzae,											
Infections (Hep B)   Orologopia   Orologop	invasive disease	041.5	16	16	17	16	7	വ	12	2	7	11
Sections   Hop A    7004,0707   3   3   3   3   4   4   4   4   4   4	Hansan disease (leorney)	030	4	67	1	2	1	67	2	1	2	-
appecified         Or02,070.3         711         816         912         960         1,041         1,720         1,027         1,082         1,030         <	Hanatitic viral infactions (Non A		00	78	23	08	8	CB	CAR	191	122	11.4
Appenditution of the control of the	Hannelein viral person (Man B)	0.000 0.000	234	210	010	000	1041	1 120	2000	1 000	0000	4 052
appecified         O70.4-070.9         717         696         887         1,016         1,383         1,844         2,231         2,577         2,990         3           disease         0056         272         273         273         274         2,990         3           oping coughl         0056         272         273         276         277         2,990         3           otal         0056         273         215         198         201         766         27         28         4         27         28         4         27         290         300         3	Hoperities, virgi, serum (nep 8)	070.2,070.3	111	010	216	38	1000	1,120	1,027	7001	OSO'	7001
Including   Cont.	other and money	- 10	242	2000	730	2000	1 262	3 DAA	2 223	25.77	2000	0000
tidisease 066 232 264 277 24 8 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Dalling alla dilappecilied		100	900	100	010'1	2007	-	2,231	4,017	2,300	3,000
disease 036 273 215 189 201 276 276 277 200 300 200 200 200 200 200 200 200 200	Malaria	199		2	4	10	71	77	10	4	-	0
Idisease 023 273 215 189 201 279 279 290 309 209 201 201 201 201 201 201 201 201 201 201	Ved Sies	085	32	64	27	4	1	I	2		2	1
oping cough)         072         1         1         5         7         8         6         4         6           otal         066.04-08.59          1         2         2         2         2         6         4         6           rincluding         00c2 1-002.003         99         80         53         47         82         48         6         12           lever         00c2 -002.004         16         10         10         10         8         53         44         11         4         11         4         12           lever         00c2 -002.004         16         10         10         8         53         47         82         48         66         51           lever         00c2 -002.004         16         10         10         8         55         13         8         51         4         6         12           lever         00c2 -002         106         10         10         8         51         13         8         51         4         12           liforms         00c2 -003         10         10         10         10         10         10         10	Meningococcal disease	036	273	215	198	201	380	276	273	290	300	234
oping cough) 023 12 12 12 12 12 1 1 1 1 1 1 1 1 1 1 1	Mumos	072	2	-	-	1	1	1	1		-	-
otal Odd-Odd Odd Odd Odd Odd Odd Odd Odd Odd	Partitions (whooping county)	033	33	3.5		LE .	5-	a	.00	A	d	all .
otal 046,0-046,9	Discontinuo di Contra di C	000		4		0 -	. 6	00	0 **		0	9
Including   Uncluded	anfine	020			1			V	-,	N	1	1
Including 0002.1-0002.8,003 99 80 53 47 52 49 66 55 51 4	Poliomyelitis, total	045.0-045.9	1	I	_	1,	9 *	1		1	-	-
Including 0021-0029,003 99 80 53 47 2 3 3 3 3 4 4	Psittacosis	073	-	2	1	4		1	-			Į
lincluding 00021-0003 0056 4 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Rabies, human	071	-	-	m	-	_	m	m	m	4	_
Including   COZ.1-COZ.9.003   S98   S90   S53   47   S25   48   S96   S95   S51   S96   S95	Rubella	990	4	00	-	1	1	1	-	1	1	1
Fever 002-1-002-004 59 80 53 47 52 13 8 51 15 12 10 10 10 10 10 10 11 11 11 11 11 11 11	Salmonellosis, including											
004 16 10 10 10 8 5 13 8 6 12 0 10 10 10 10 10 10 10 10 10 10 10 10 1	fever	02.1-002.9.003	66	80	53	47	Si	99	99	28	51	37
00020 100 100 103 113 5 9 8 6 712 112 112 113 11478 11336 11202 11466 11,713 11,705 11631 11478 11336 11202 11466 11,713 11,705 11631 11478 11336 11202 11,166 11,713 11,705 11,000 1124 1115 11 11 11 11 11 11 11 11 11 11 11 1	Shigellosis	004	16	10	30	00	un	13	00	S	ıc	10
000-097 106 106 83 91 80 78 66 73 62 100 100 100 114 11 9 111 9 6 5 1 6 1 6 1 11 11 11 11 11 11 11 11 11 11	Spotted fevers	082.0	10	20	13	13	un	6	00	9	12	67
sis (124 1) 11 11 9 11 11 9 5 5 7 4 4 4 6 6 6 6 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Synhilis	790-097	105	106	8	91	90	S.	16	2	P	16
1,106 1,107 1,106 1,107 1,106 1,631 1,478 1,336 1,202 1,166 1,116 1,16 1	Tetanus	037	6	11	11	6	33	on	KO.	3	4	7
st ell forms) 010-018 1,970 1,810 1,713 1,706 1,631 1,478 1,336 1,202 1,166 1,681 1,000 1,	Trichinosis	124	-	1	. [	-	1	1	1	1	1	week
of (002.0) 002.0 9 120 81 100 100 124 115 81 99 100 100 124 115 81 99	Tuberculosis (all forms)	010-018	1.970	1,810	1.713	1.705	1.631	1,478	1,336	1,202	1.166	1.112
ickenpox)* 0552 89 120 81 100 100 124 115 81 99	Typhoid fever	002.0	-	-	-		1	-	1			1
1 1 1 000	Varicella (chickenpox)*	052	88	120	80	100	100	124	115	18	88	160
	Vallow fever	090	1	1	1		1		1			1

International Classification of Diseases, Ninth Revision, 1975. Numbers in this column are ICD-9 categories. "042-"044 for classifying and coding human immunodeficiency virus (HIV) faction of principle in 1987, the National Center for Health Statistics introduced categories "042-"044 for classifying and coding human immunodeficiency virus (HIV) infection as sensitives are not footnote symbols, but indicate that these codes are not part of ICD. Warrise are not footnote symbols, but indicate that these codes are not part of ICD.

Note: Data in the annual MMWW Summary of Notifiable Diseases, United States might not match data in other CDC surveillance reports because of differences in the timing of reports, the source of other case definitions case definitions case definitions case definitions are as definitions. System, 1989-1998. Deaths are classified according to the ICD-9. Data for 1999 are not available at this time.

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# State and Territorial Epidemiologists and Laboratory Directors

State and Territorial Epidemiologists and Laboratory Directors are acknowledged for their contributions to *CDC Surveillance Summaries*. The epidemiologists and the laboratory directors listed below were in the positions shown as of March 2001.

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